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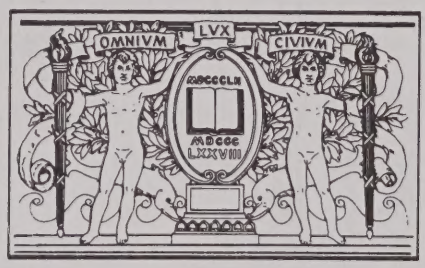

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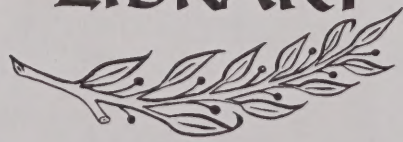
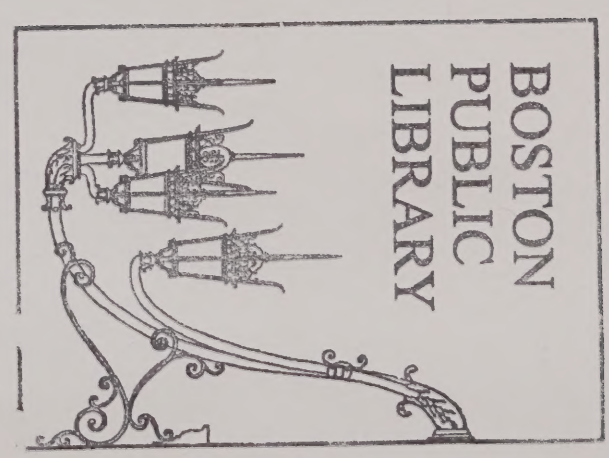


Chinatown Community Meeting

September 16, 2002

Gov 02-1391



Chinatown Demographics

NOTE TO SPEAKER: The Map for this page is Chinatown, and is available as a handout and transparency only.

Population by Race/Ethnicity
Chinatown, 1990 and 2000

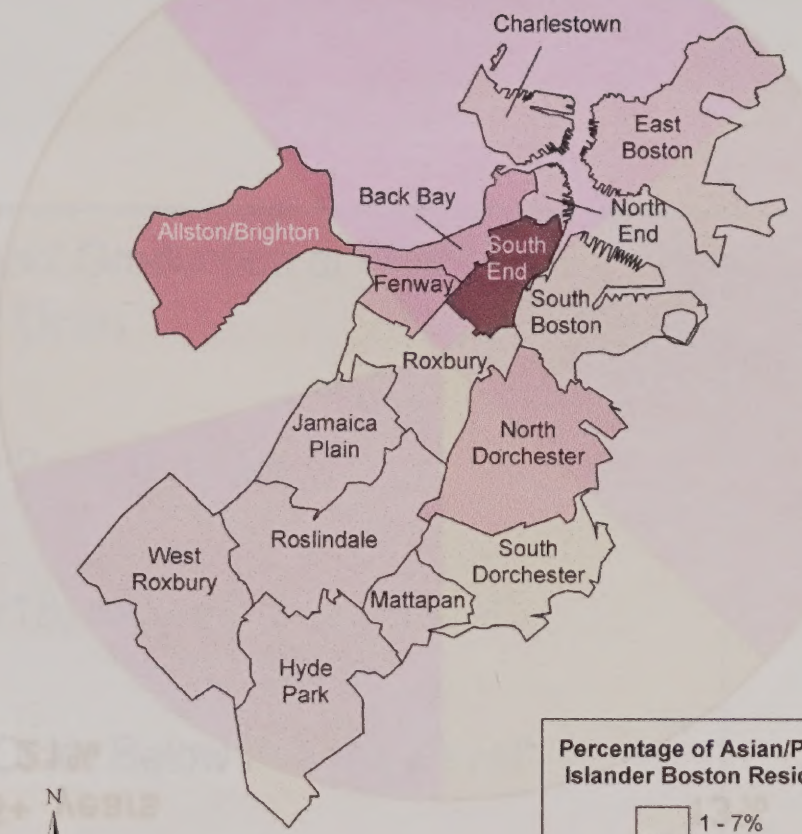
Race/Ethnicity	1990	2000
Total Population	6,887	9,196
White, non-Hispanic	19%	29%
Black, non-Hispanic	7%	6%
Hispanic	3%	5%
Asian/Pacific Islander (1990)	71%	N/A
Asian (2000)	N/A	57%
Other Race*	<1%	0.5%
Two or More Races	N/A	1%

*Other race" includes Native Americans (1990), and Native Hawaiians/Other Pacific Islanders, Alaska Native/American Indians, and Other Races (2000).

DATA SOURCE: Modified Age-Race-Sex file for Boston census tracts, 1990 US Census; US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000.

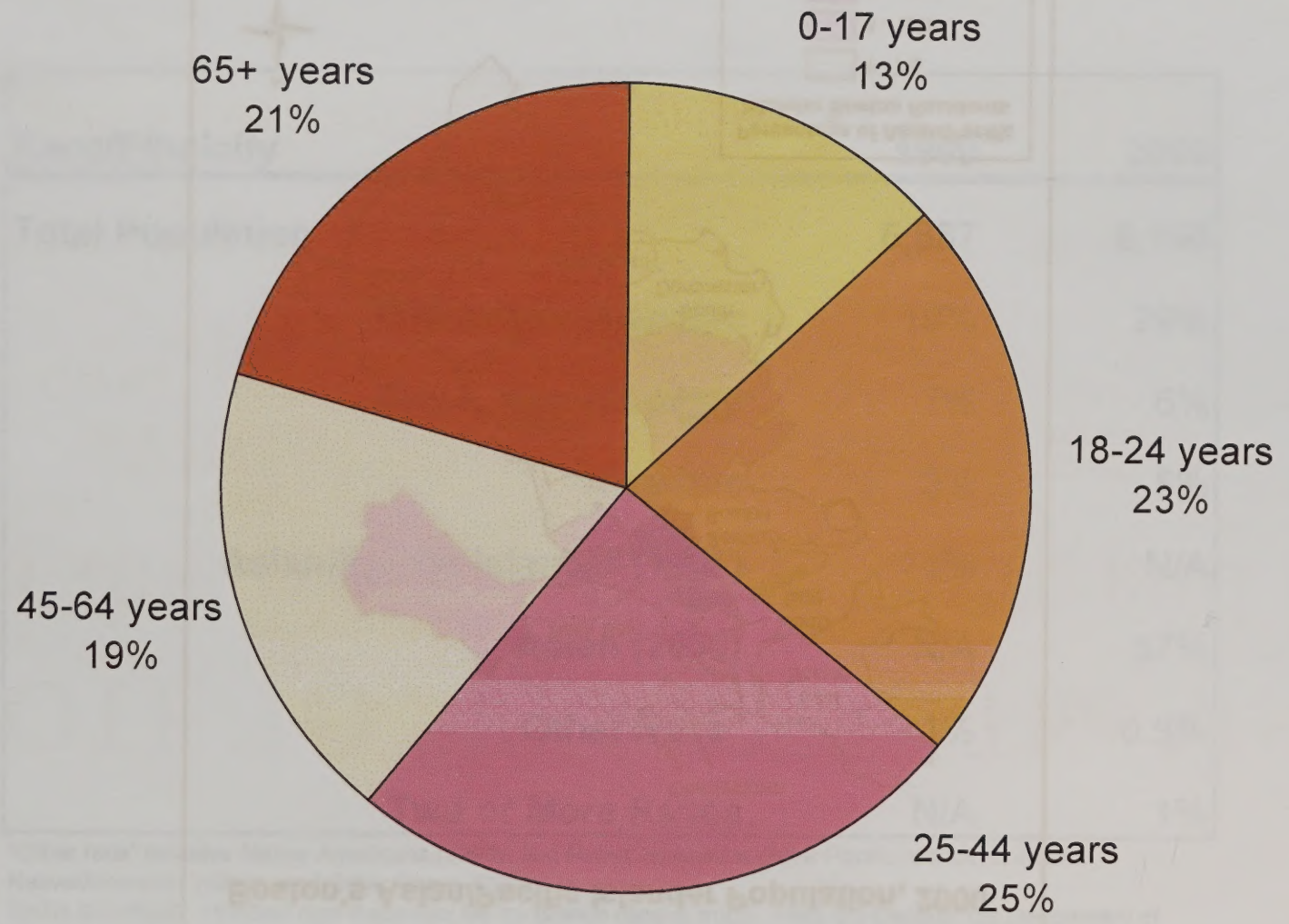
DATA ANALYSIS: Boston Public Health Commission, Research Office

Boston's Asian/Pacific Islander Population, 2000



DATA SOURCE: US Department of Commerce, Bureau of the Census, American FactFinder, Census 2000
DATA ANALYSIS AND MAP: Boston Public Health Commission, Research Office

Population by Age
Chinatown, 2000



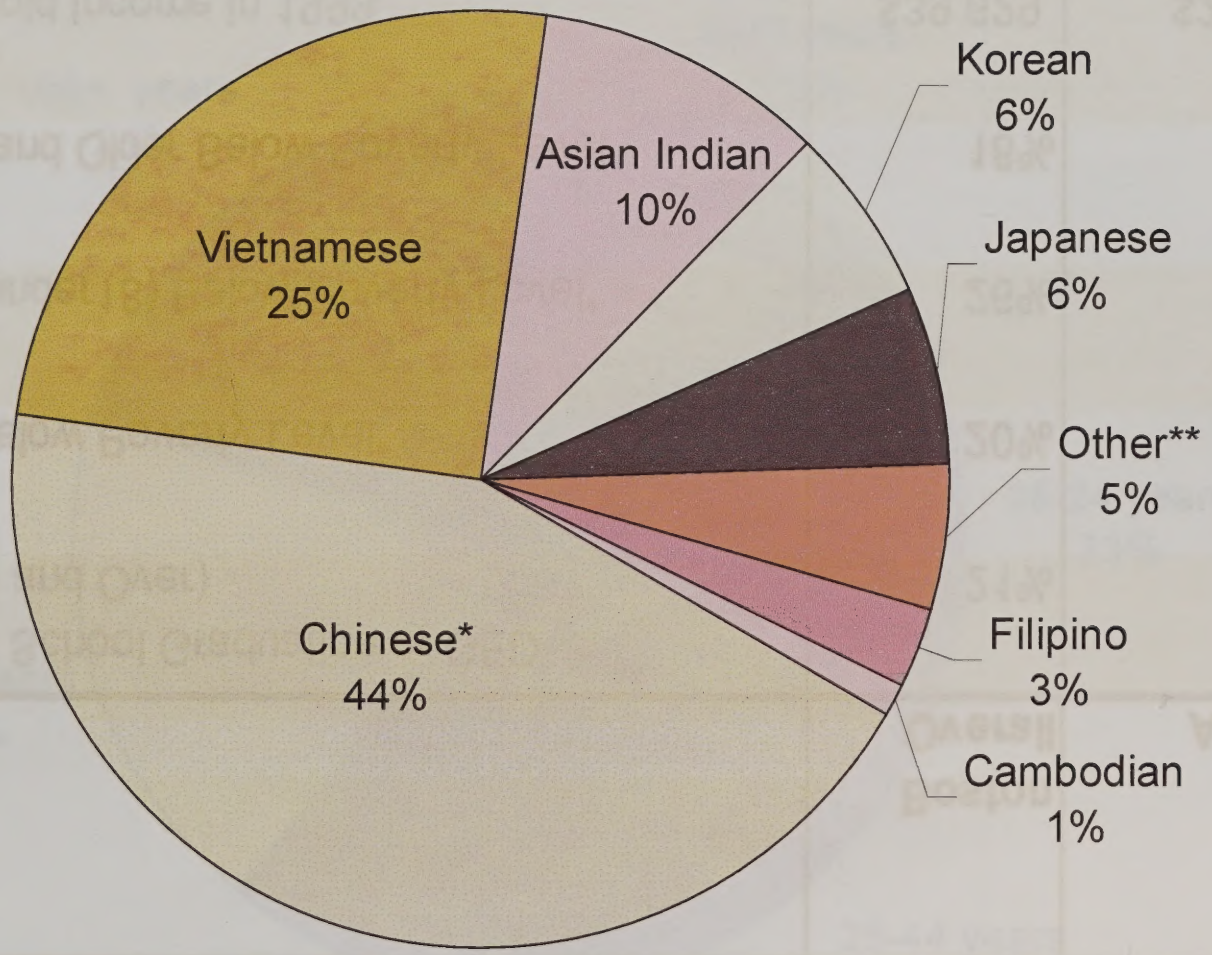
DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000
DATA ANALYSIS: Boston Public Health Commission, Research Office

Selected Socioeconomic Indicators
Boston Overall and Boston Asian Population

Indicator	Boston Overall	Asians
Less Than High School Graduation or GED (Adults Ages 25 and Over)	21%	16%
% Population Below Poverty Level*	20%	30%
% of Children (under18) Below Poverty Level*	26%	20%
% of Adults 65 and Older Below Poverty Level*	18%	11%
Median Household Income in 1999	$39,629	$27,963

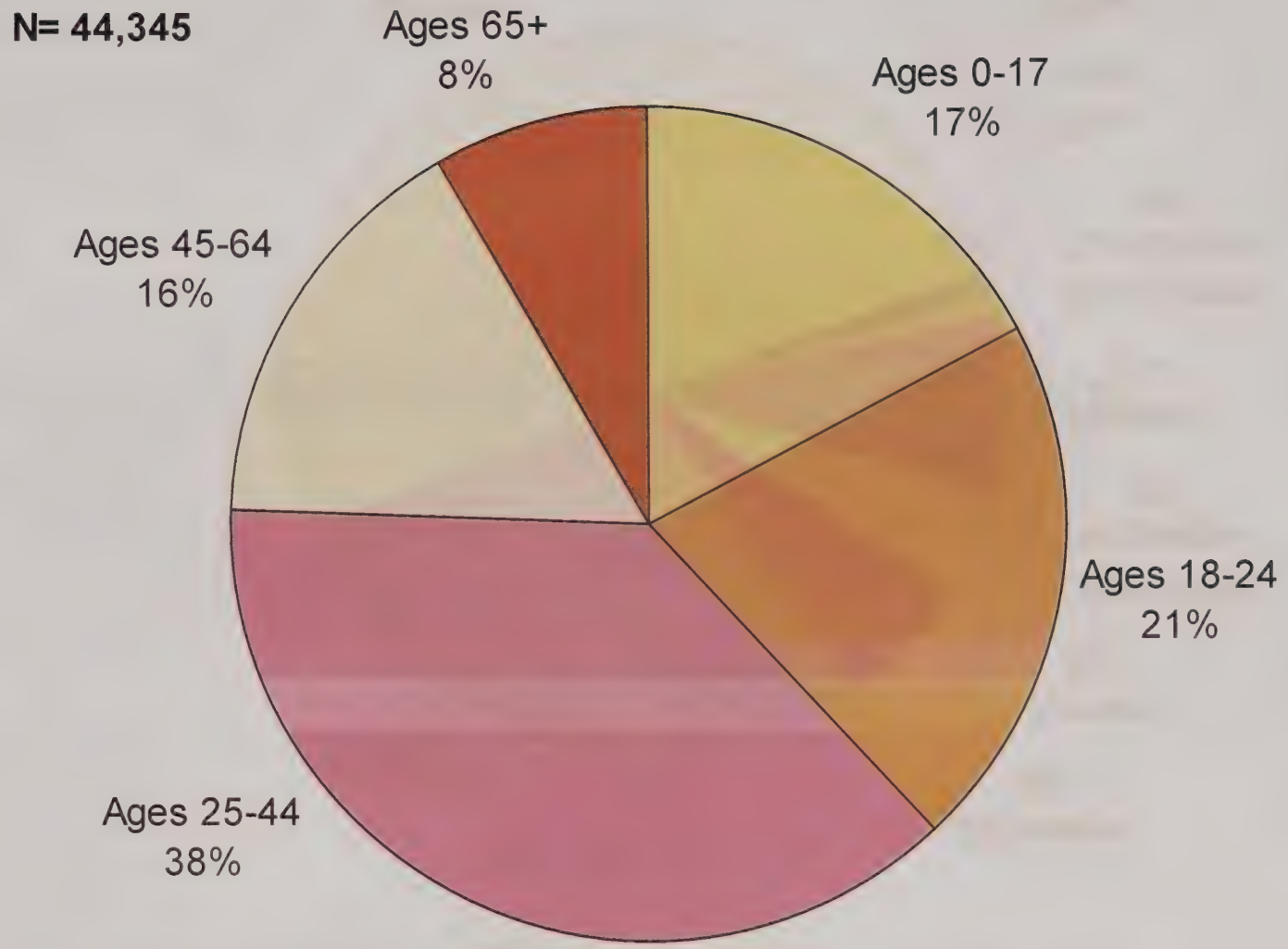
NOTE: Effective 4/2/04, this chart reflects some changes in the data for Asians. *Based on 1999 income
DATA SOURCE: US Department of Commerce, Bureau of the Census, American FactFinder, Census 2000, Summary File-Sample Data
DATA ANALYSIS: Boston Public Health Commission Research Office

Asian Population by Ethnicity
Boston, 2000



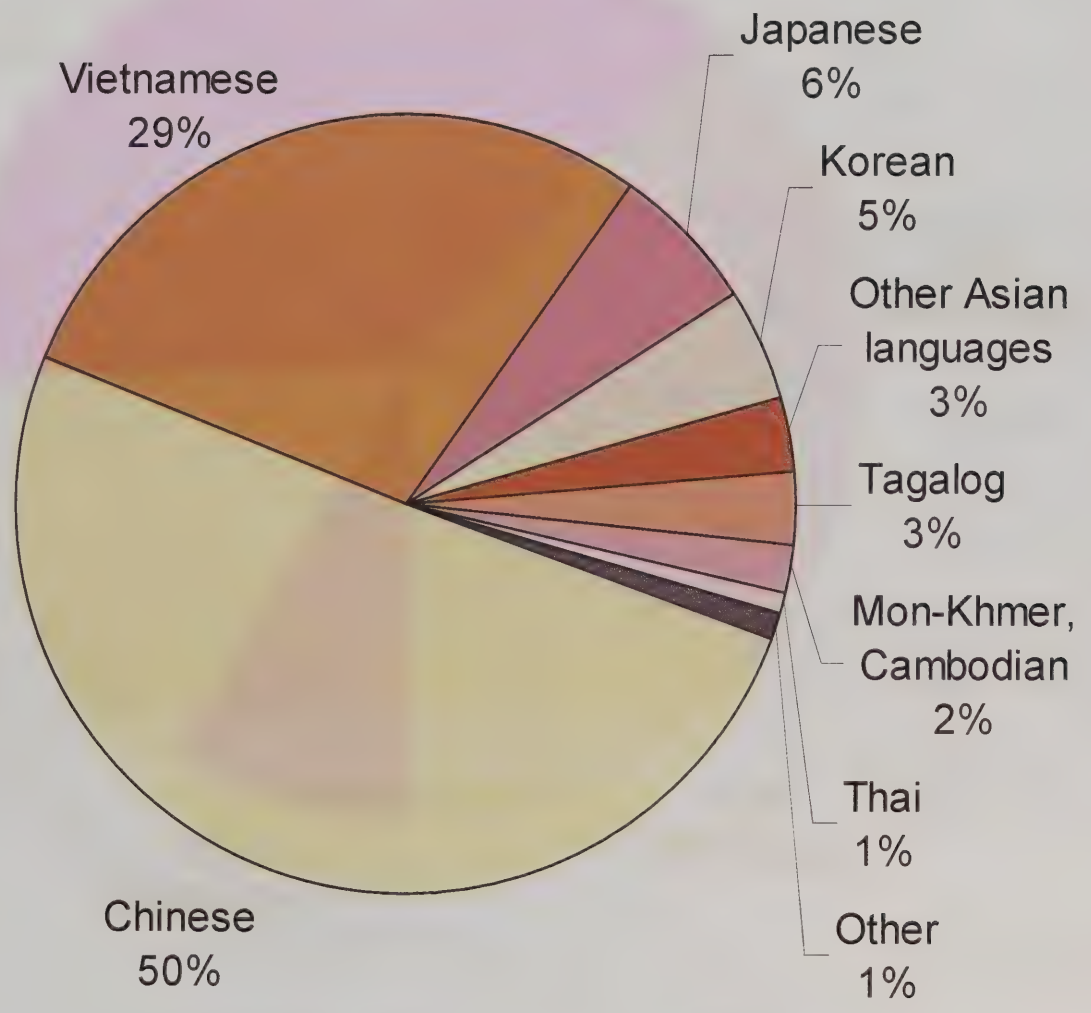
*Except Taiwanese
**Laotian, Malaysian, Pakistani, Taiwanese, Thai, Indonesian, Bangladeshi, Sri Lankan, Other Asian, not specified
DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000
DATA ANALYSIS: Boston Public Health Commission, Research Office

Asian Population by Age
Boston, 2000



DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000
DATA ANALYSIS: Boston Public Health Commission, Research Office

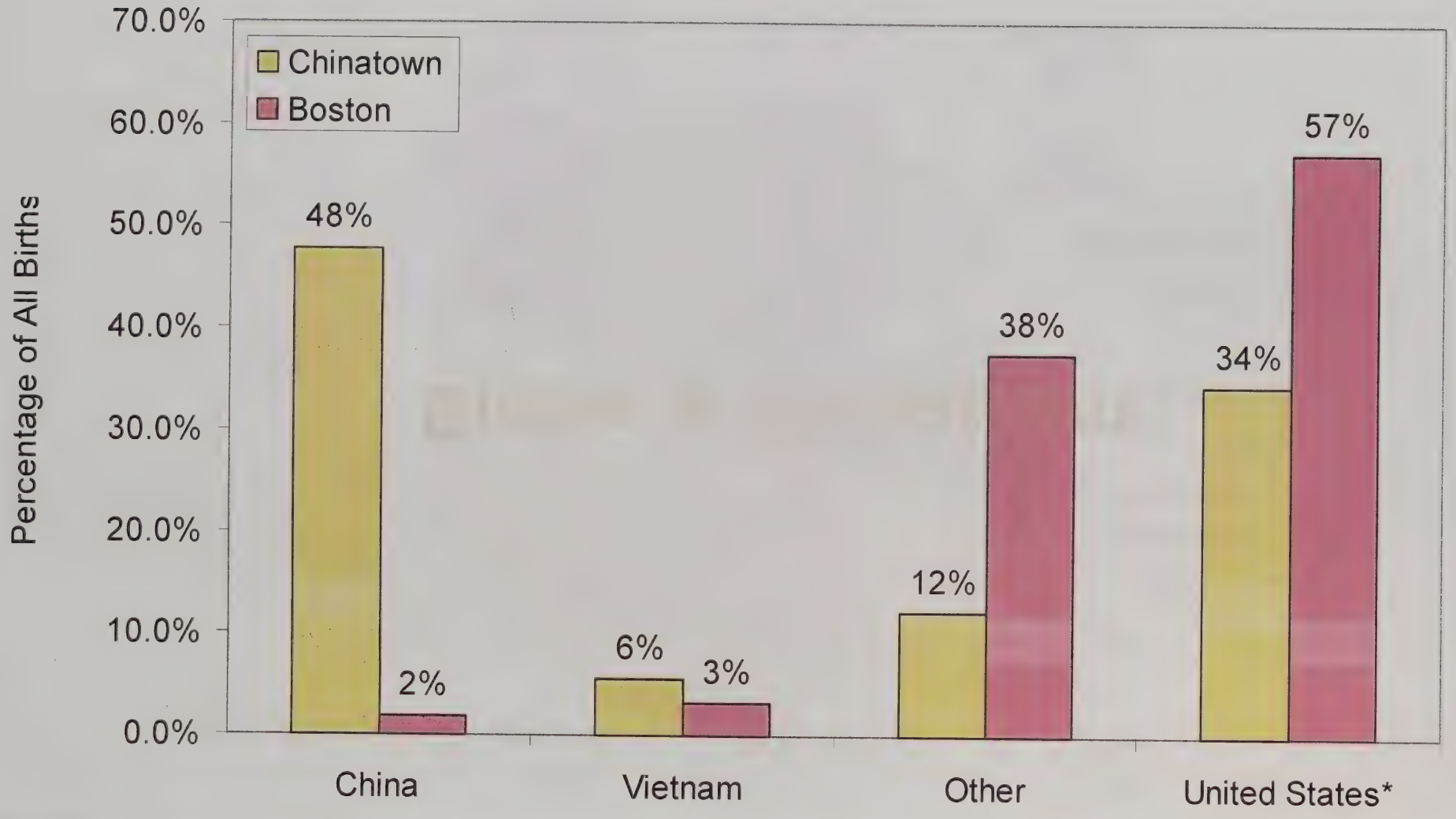
Languages Other Than English Spoken at Home Among Asians
Boston, 2000



DATA SOURCE: US Department of Commerce, Bureau of the Census, American Fact Finder, Census 2000
DATA ANALYSIS: Boston Public Health Commission, Research Office

Births in Chinatown

Births by Maternal Birthplace
Boston and Chinatown, 2000

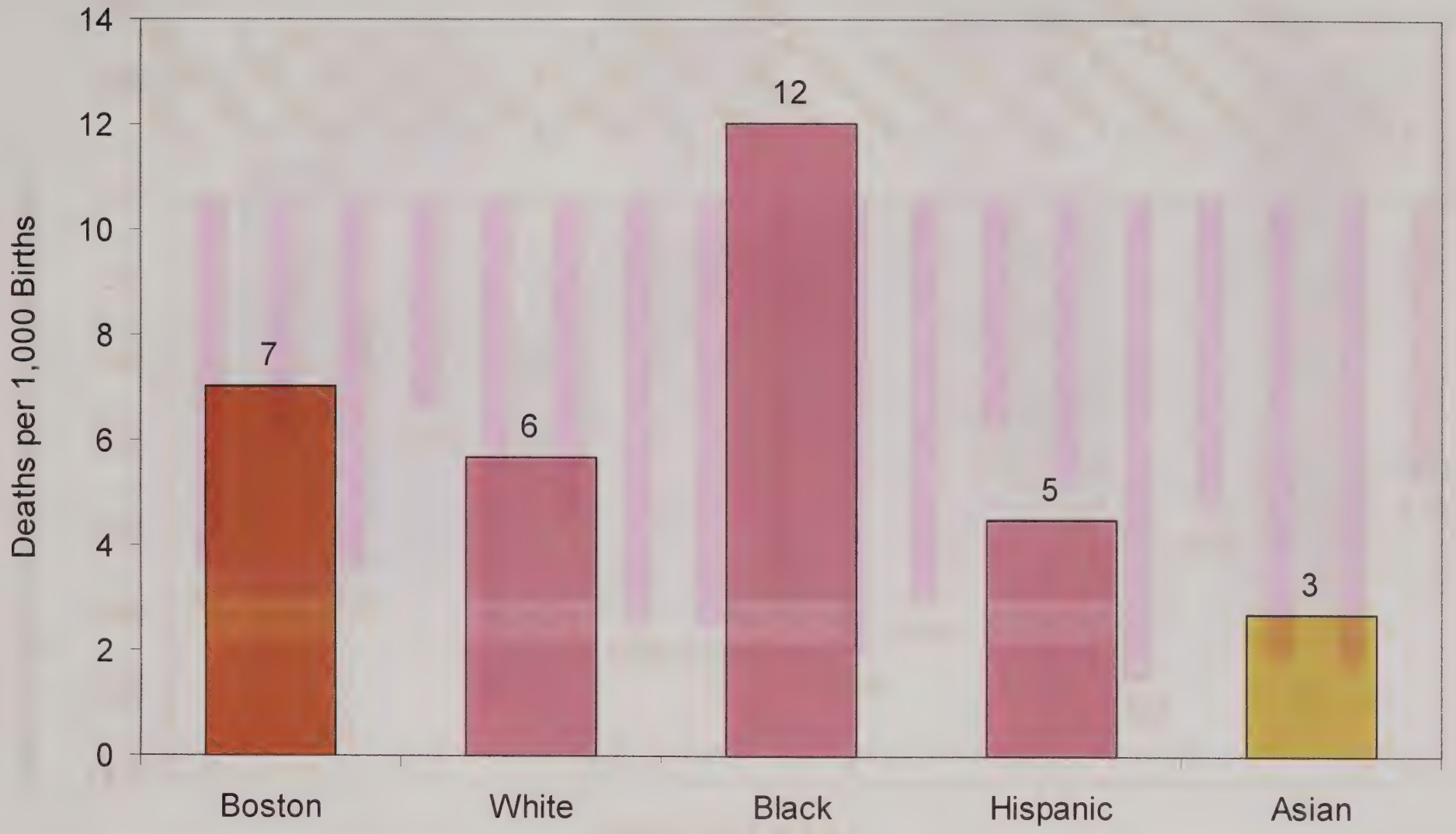


*United States includes US territories.

DATA SOURCE: Boston resident births, Massachusetts Department of Public Health

DATA ANALYSIS: Boston Public Health Commission, Research Office

Infant Mortality Rate by Race/Ethnicity
Boston, 1996-2000



DATA SOURCE: Boston resident deaths and live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

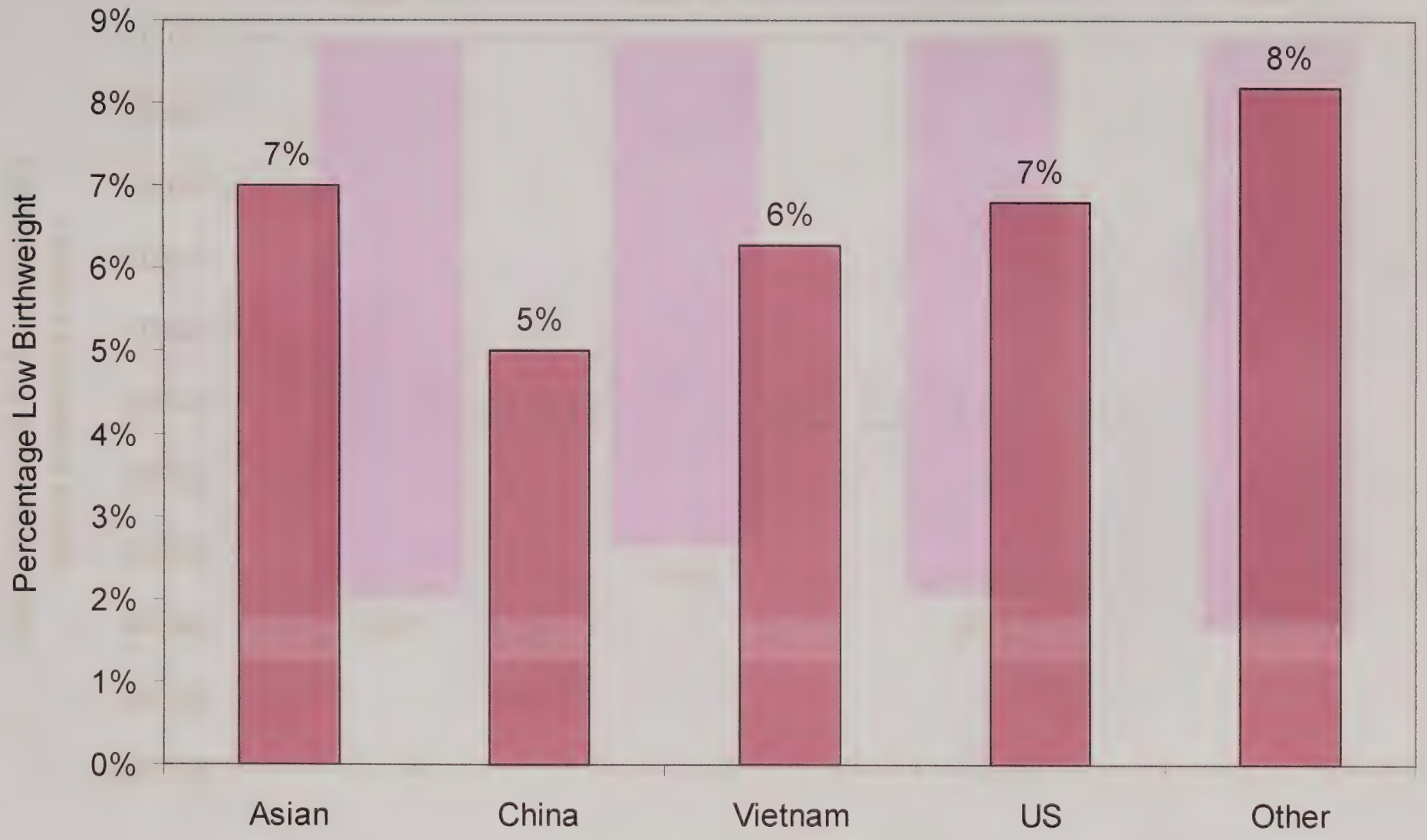
Low Birthweight Births by Neighborhood
Boston, 2000

*South End data do not include data for Chinatown.

DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health. Rates are calculated using the US Census 2000 for resident population.

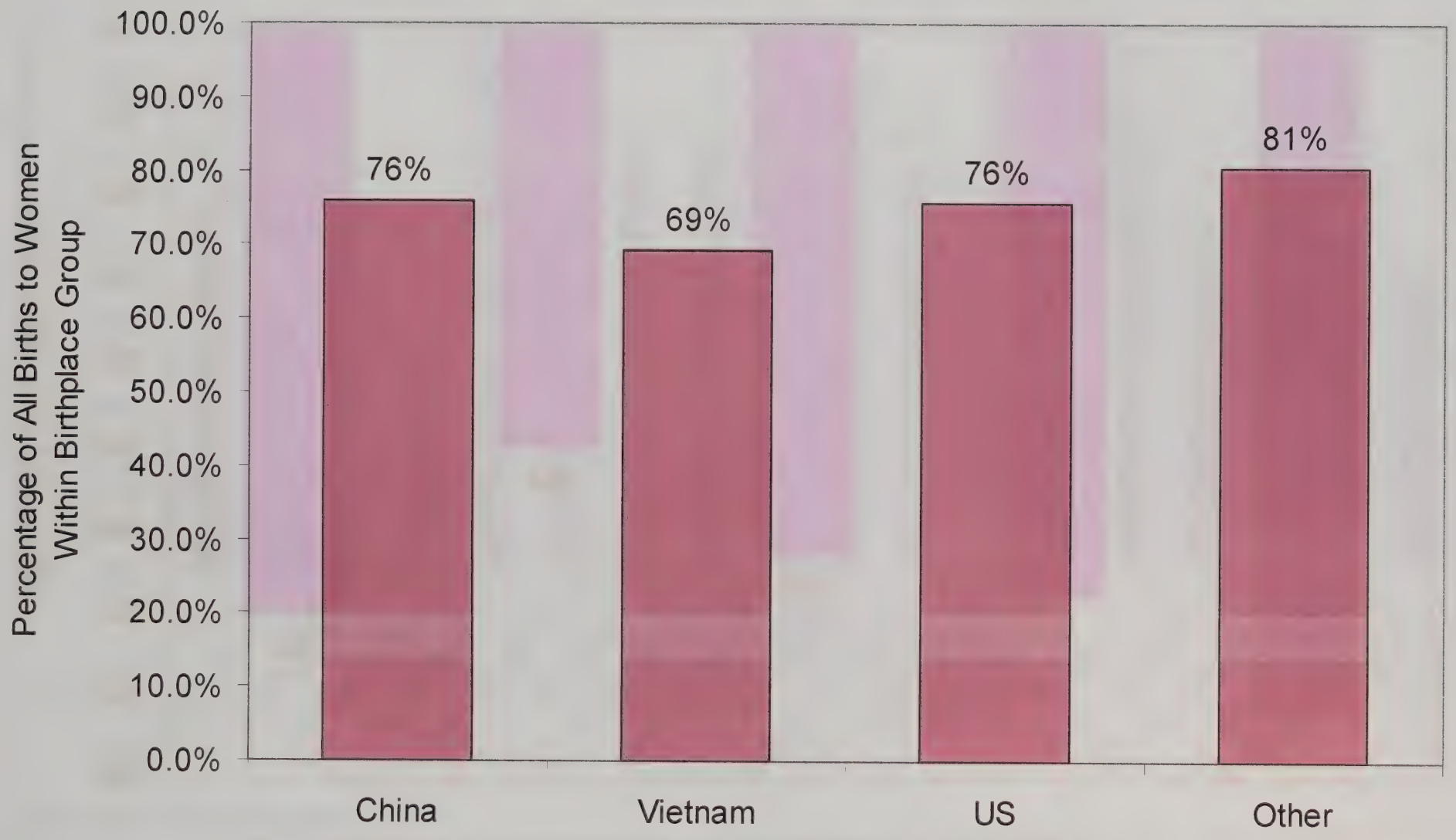
DATA ANALYSIS: Boston Public Health Commission, Research Office

Low Birthweight Births, All Asian Births and by Maternal Birthplace
Asian Residents of Boston, 1998-2000



DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

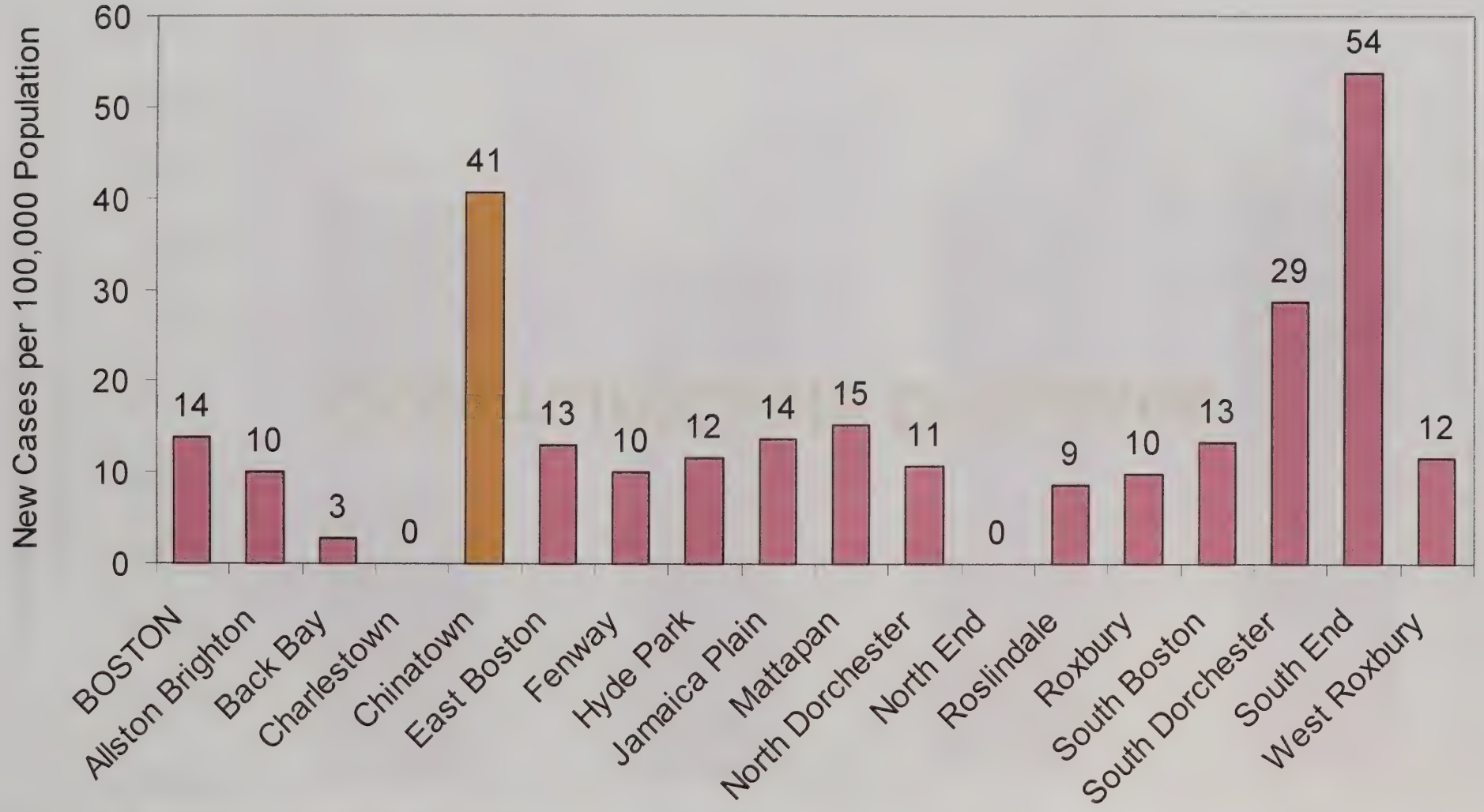
Adequate Prenatal Care by Maternal Birthplace
Boston, 1998-2000



DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Communicable Diseases

Tuberculosis Incidence Rates by Neighborhood
Boston, 2000



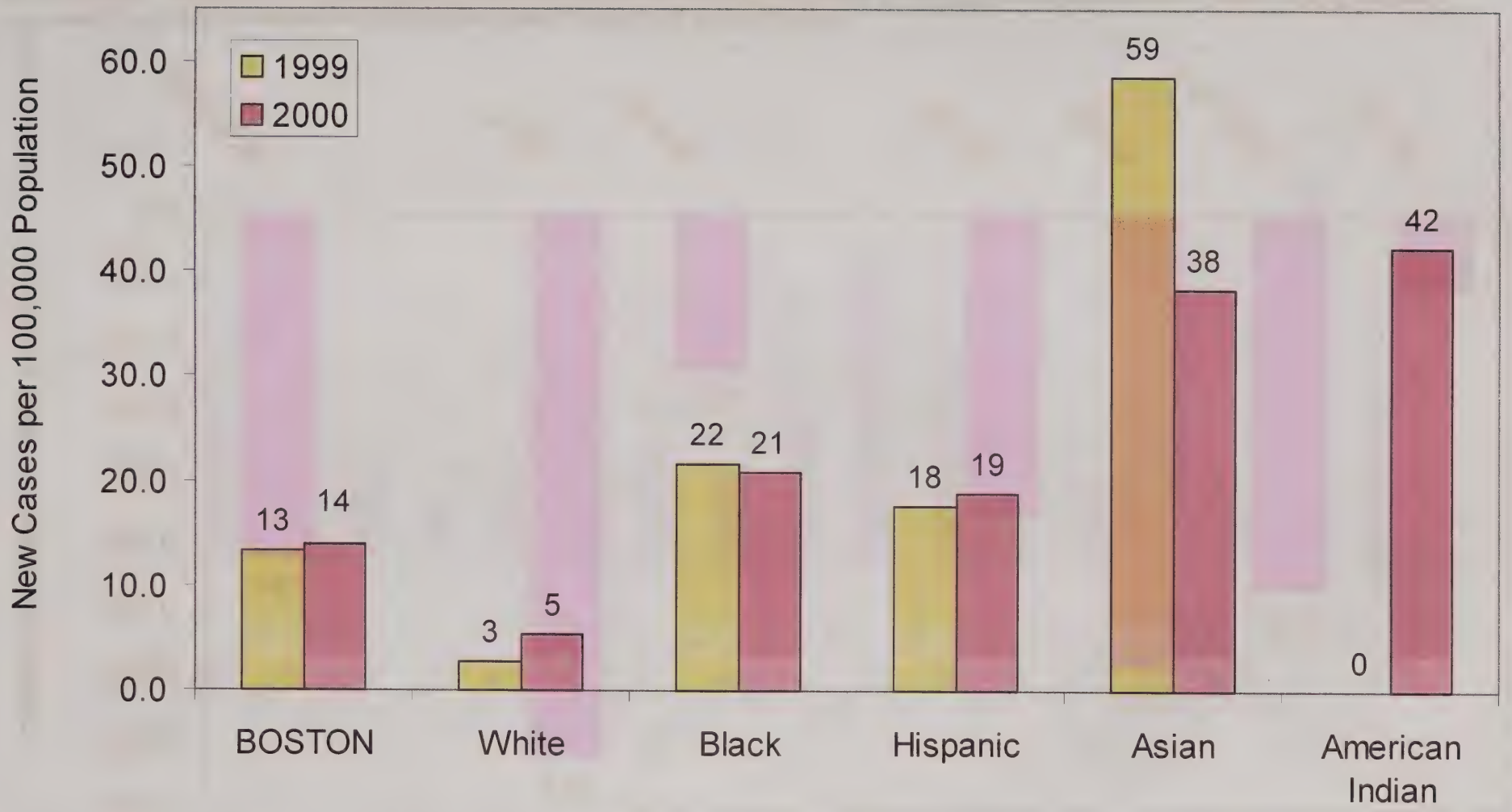
NOTE: South End data do not include data for Chinatown

DATA SOURCE: Communicable Disease Database, Boston Public Health Commission, Communicable Disease Control Division. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

Tuberculosis Incidence Rates by Race/Ethnicity
Boston, 1999 and 2000

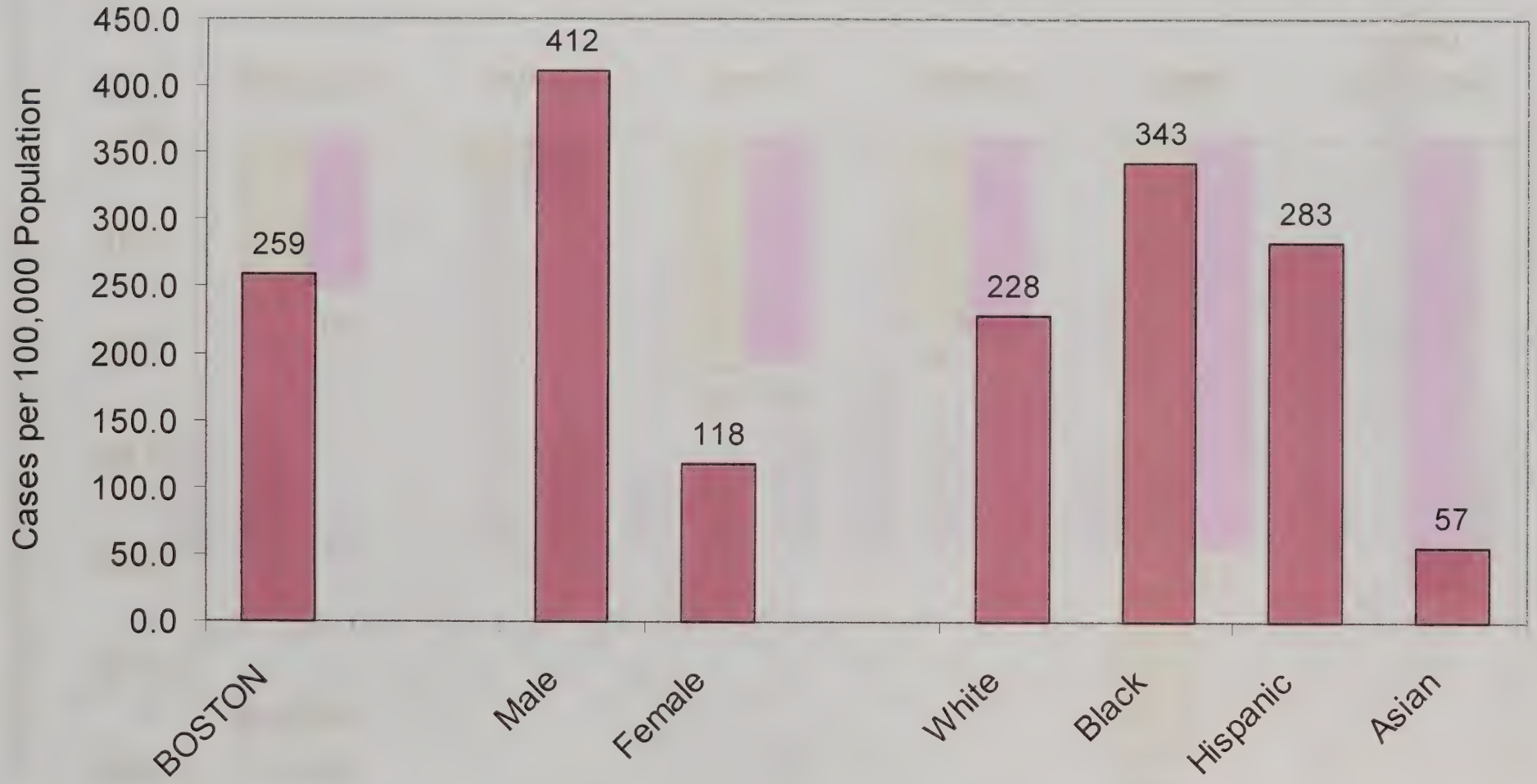


DATA SOURCE: Communicable Disease Database, Boston Public Health Commission, Communicable Disease Control Division. Rates are calculated using resident population estimates from MISER for 1991-1998, Massachusetts Department of Public Health 1999 Preliminary Population Estimates, and the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

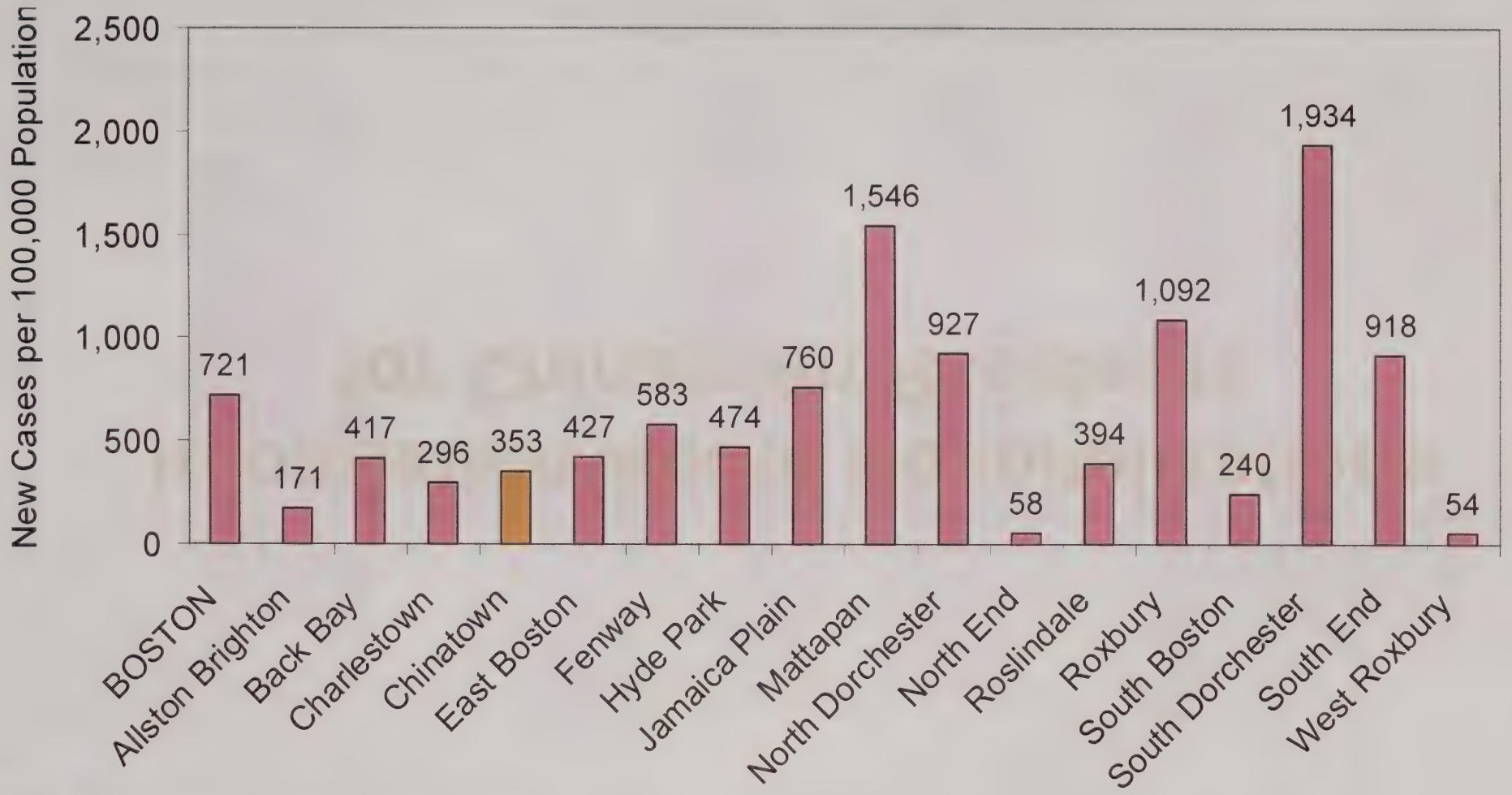
GRAPHIC: Boston Public Health Commission, Research Office

Cumulative HIV* Incidence Rates by Sex and Race/Ethnicity
Boston, as of January, 2002



*HIV refers to HIV Alive Cases defined by the Massachusetts Department of Public Health.
DATA SOURCE: AIDS Reporting System Data, Massachusetts Department of Public Health, Bureau of Communicable Disease Control, AIDS Surveillance Program. Rates are calculated using the US Census 2000 for resident population.
DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division
GRAPHIC: Boston Public Health Commission, Research Office

Sexually Transmitted Disease* Incidence Rates by Neighborhood
Boston, 2000



NOTE: South End data do not include data for Chinatown

*Sexually Transmitted Diseases include Chlamydia, Syphilis, and Gonorrhea.

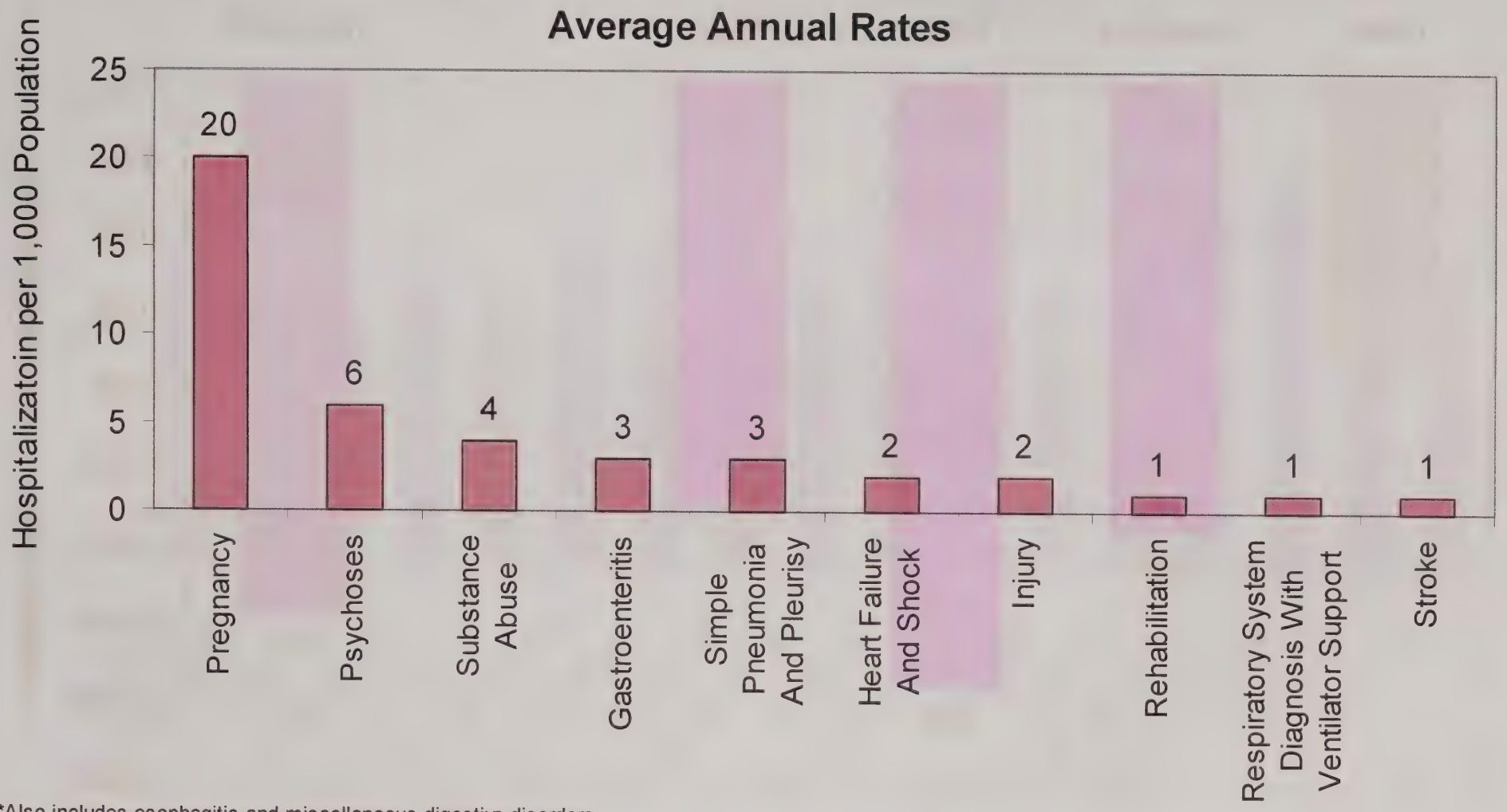
DATA SOURCE: Selected STDs for Boston Report, Massachusetts Department of Public Health, STD Division. Rates are calculated using the US Census 2000 for resident population.

DATA ANALYSIS: Boston Public Health Commission, Communicable Disease Control Division

GRAPHIC: Boston Public Health Commission, Research Office

Information About Hospitalizations for Chinatown Residents

Leading Causes of Hospitalization Age-Adjusted Rates
Chinatown, 1999-2000



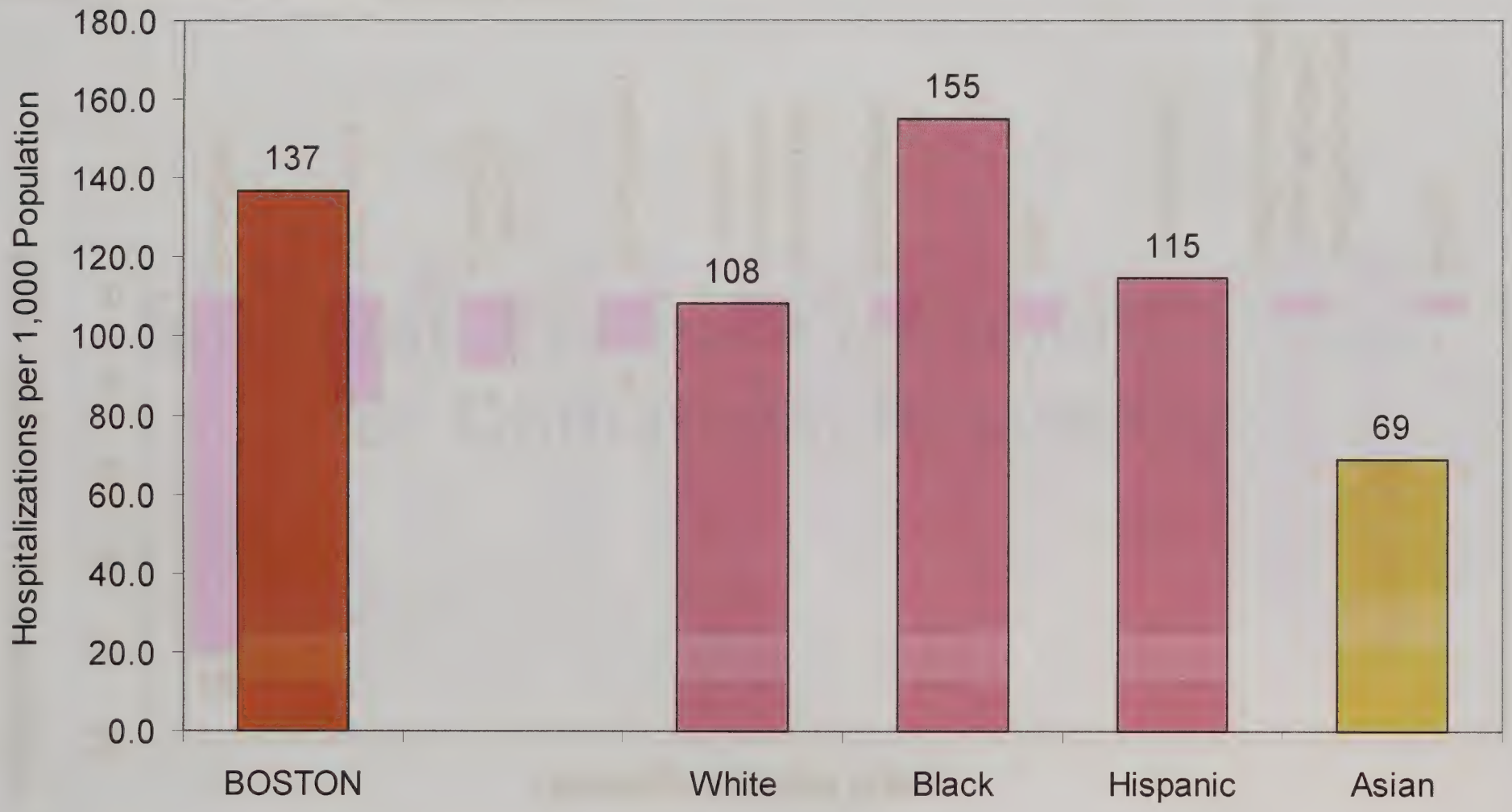
*Also includes esophagitis and miscellaneous digestive disorders.

NOTE: These rates are age-adjusted to the 2000 US standard population; newborns have been excluded.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US Census 2000 for resident population by zip code.

DATA ANALYSIS: Boston Public Health Commission, Research Office.

Hospitalization Age-Adjusted Rates By Race/Ethnicity, Boston, 2000



NOTE: These rates are age-adjusted to the 2000 US standard population.
DATA SOURCES: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US Census 2000 for resident population.
DATA ANALYSIS: Boston Public Health Commission, Research Office

Hospitalization Age-Adjusted Rates by Neighborhood
Boston, 2000

*South End data do not include Chinatown.

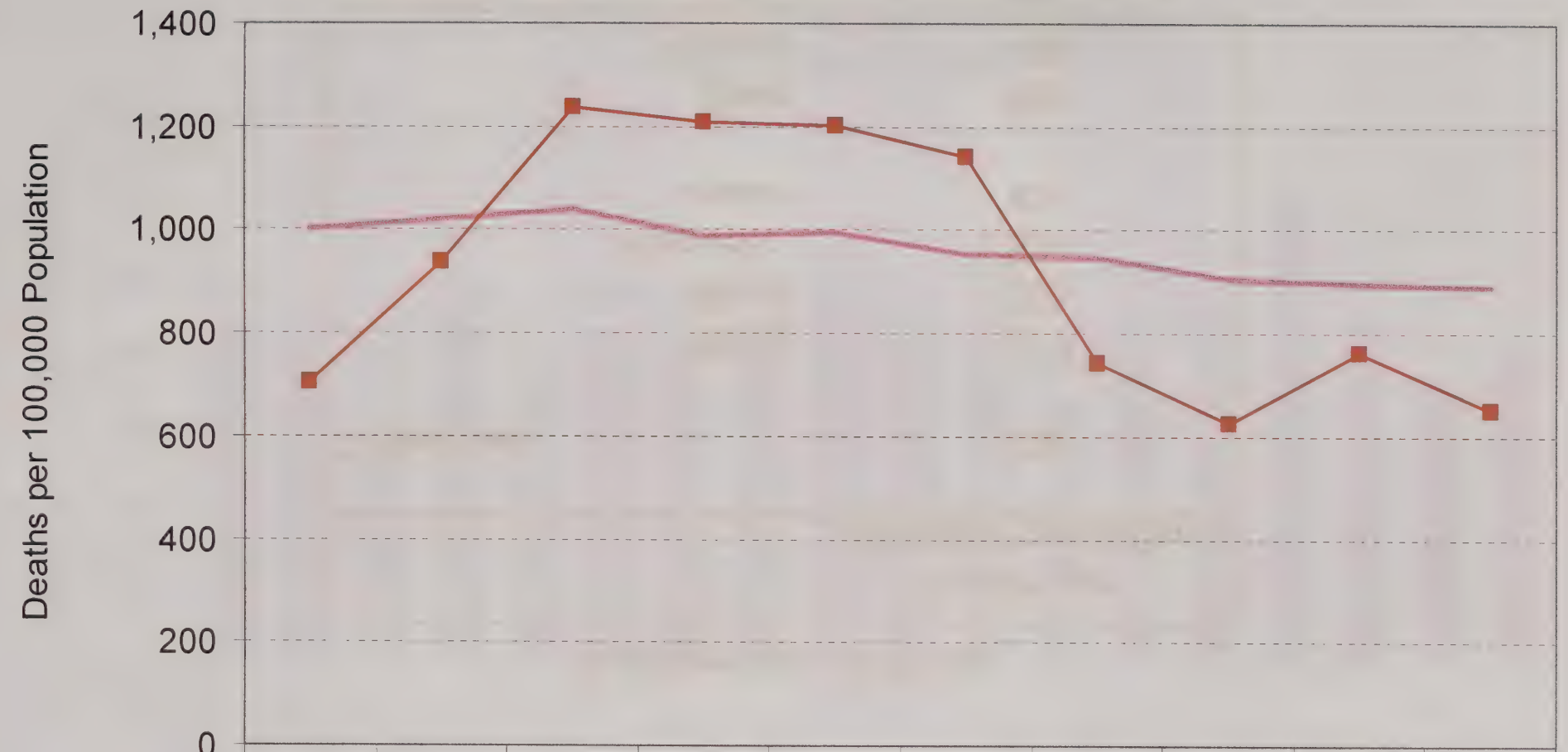
NOTE: For 1999-2000, the Chinatown rate is an average annual rate. North End data have been incorporated with Back Bay data.

DATA SOURCE: 1997-2000 Acute Case Mix, Massachusetts Division of Health Care Finance and Policy. Rates are calculated using the US 2000 Census for resident population by zip code.

DATA ANALYSIS: Boston Public Health Commission, Research Office.

Causes of Death Among Chinatown Residents

Overall Mortality Age-Adjusted Rates by Year
Chinatown and Boston, 1991-2000



	1	2	3	4	5	6	7	8	9	10
Boston	1,000	1,021	1,041	989	996	954	946	907	896	888
Chinatown	703	937	1,238	1,209	1,201	1,143	744	624	761	651

*NOTE: South End data do not include Chinatown data.
DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

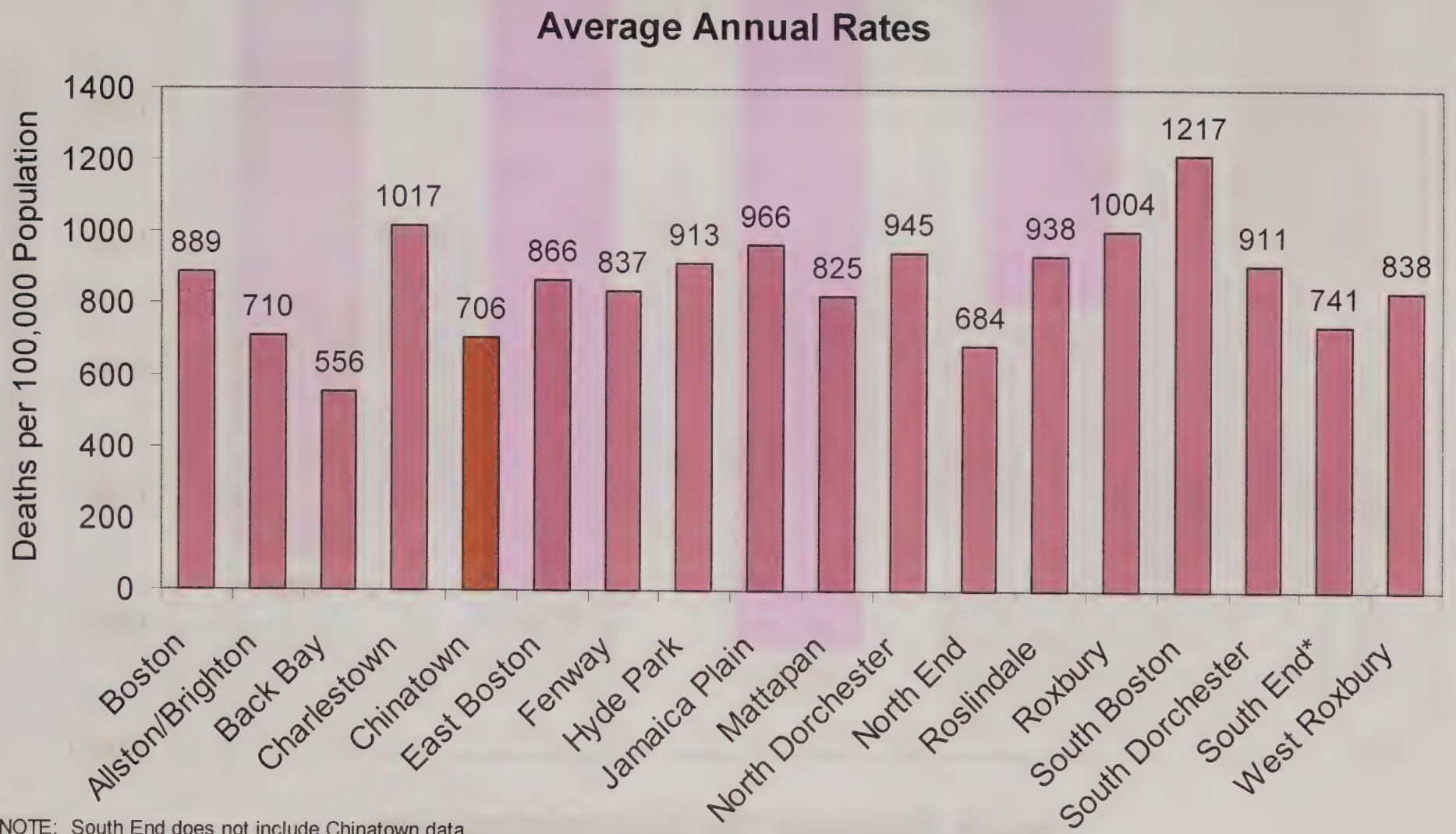
Overall Mortality Age-Adjusted Rates by Race/Ethnicity and Sex
Chinatown, 1999-2000

Average Annual Rates

	Deaths per 100,000 Population
Chinatown	706
White	1,269
Black	1,928
Hispanic	1,634
Asian	431
Male	959
Female	468

DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Overall Mortality Age-Adjusted Rates by Neighborhood Boston, 1999-2000

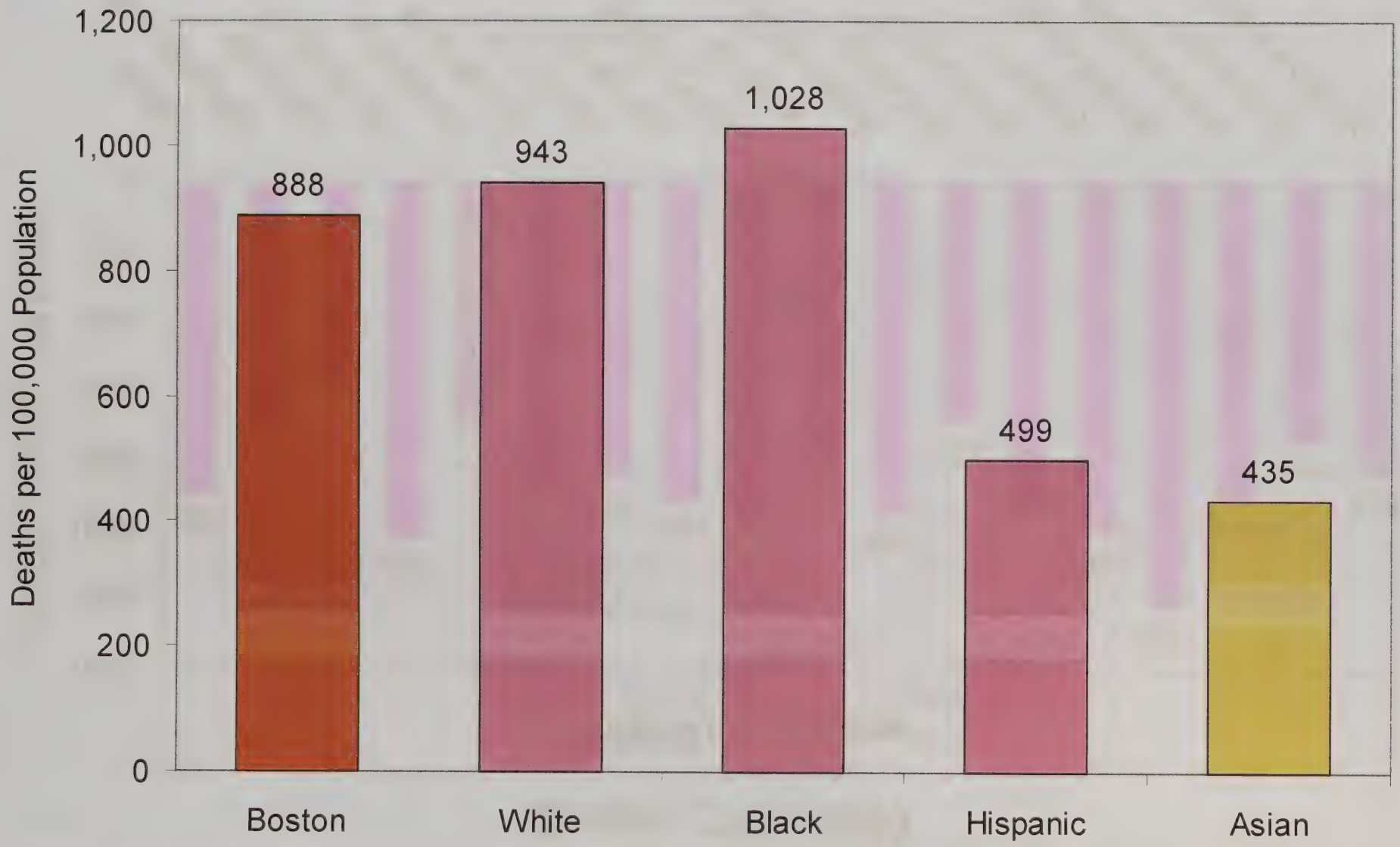


*NOTE: South End does not include Chinatown data.

DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health

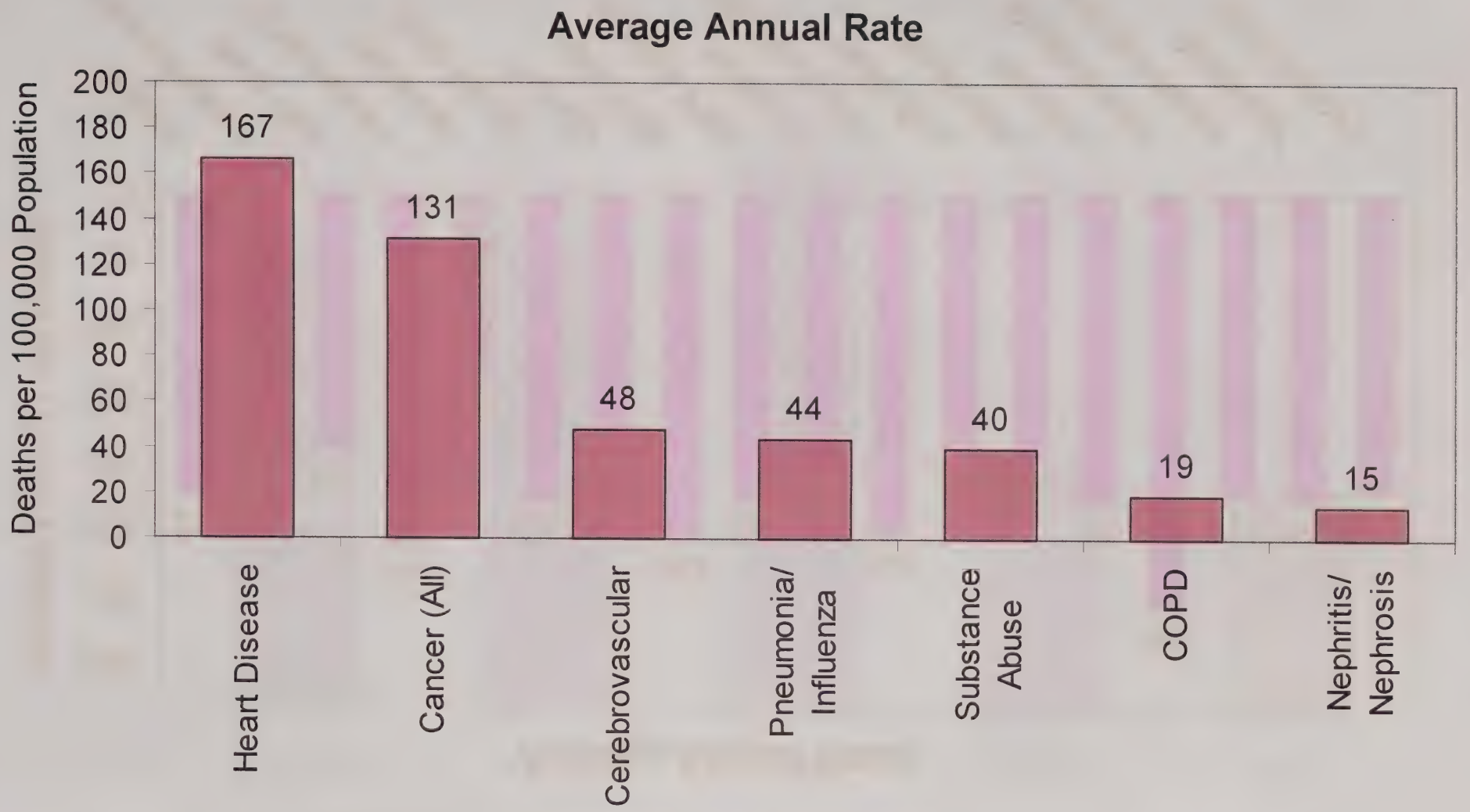
DATA ANALYSIS: Boston Public Health Commission, Research Office

Overall (All Causes) Mortality Age-Adjusted Rates By Race/Ethnicity, Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Leading Causes of Death Age-Adjusted Rates
Chinatown, 1999- 2000



*NOTE: South End do not include Chinatown data.
DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

Cancer Mortality Age-Adjusted Rates by Neighborhood
Boston, 1999-2000

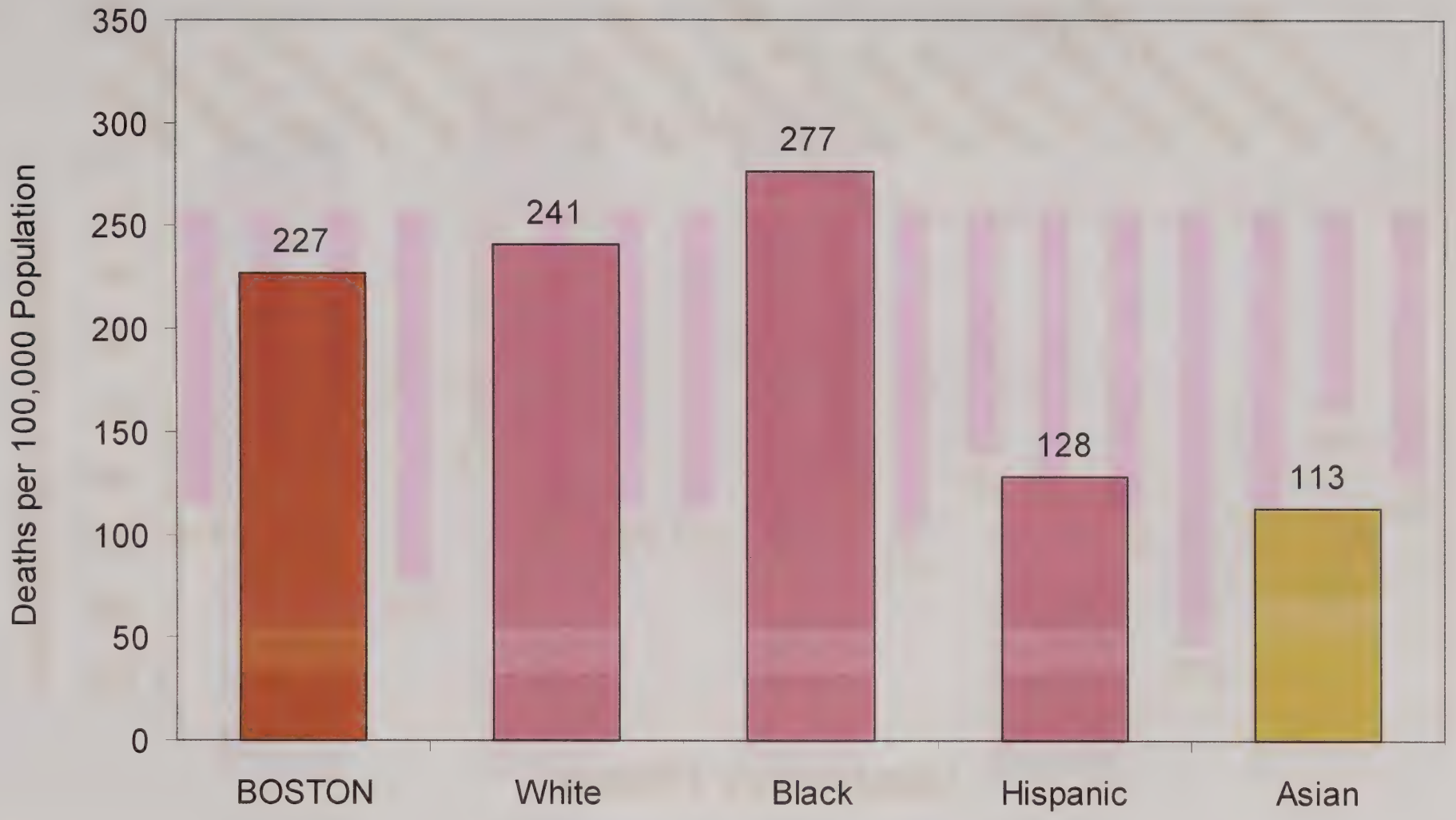
Average Annual Rates

*NOTE: South End does not include Chinatown data.

DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health

DATA ANALYSIS: Boston Public Health Commission, Research Office

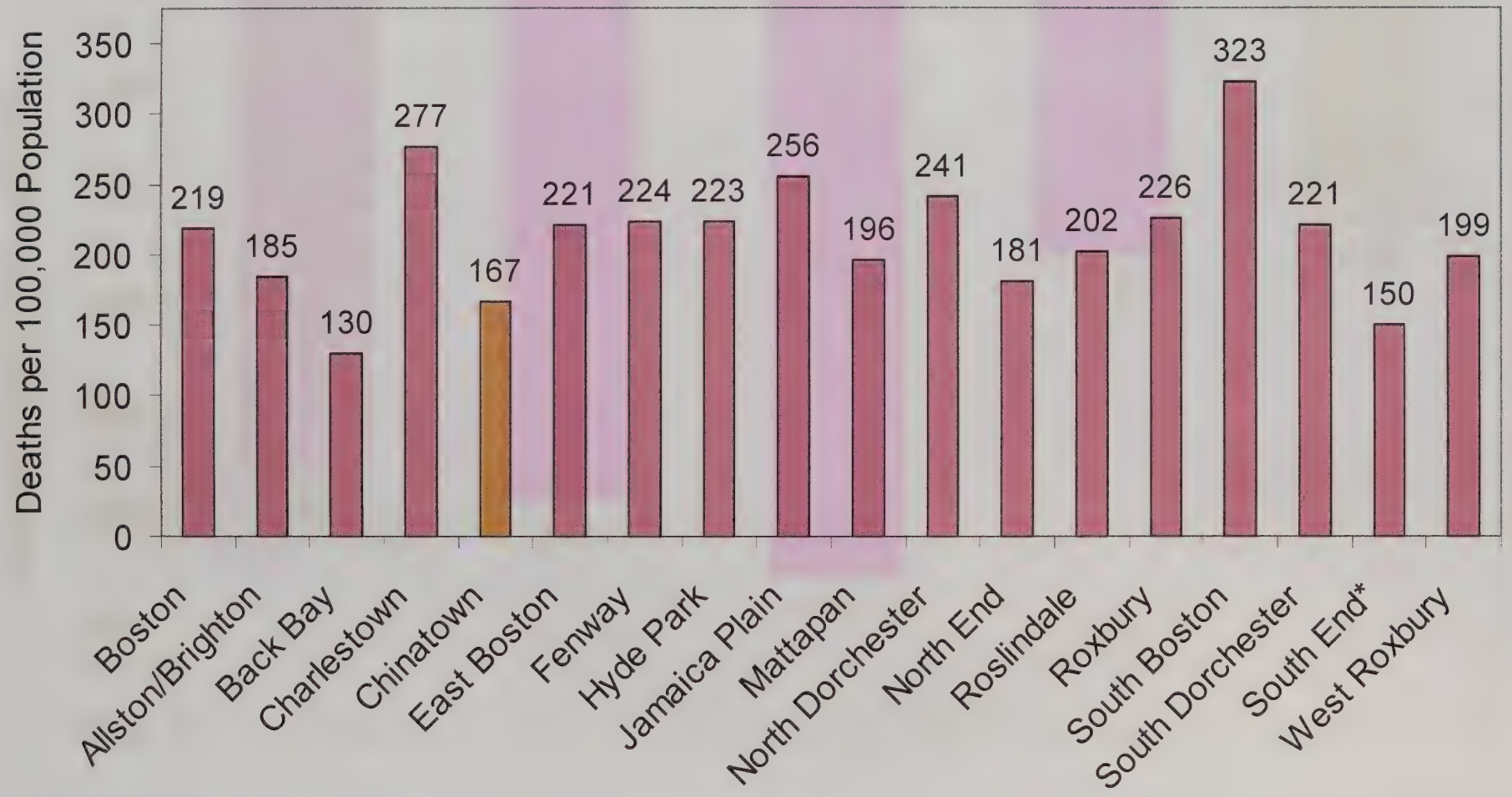
Cancer Mortality Age-Adjusted Rates by Race/Ethnicity
Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

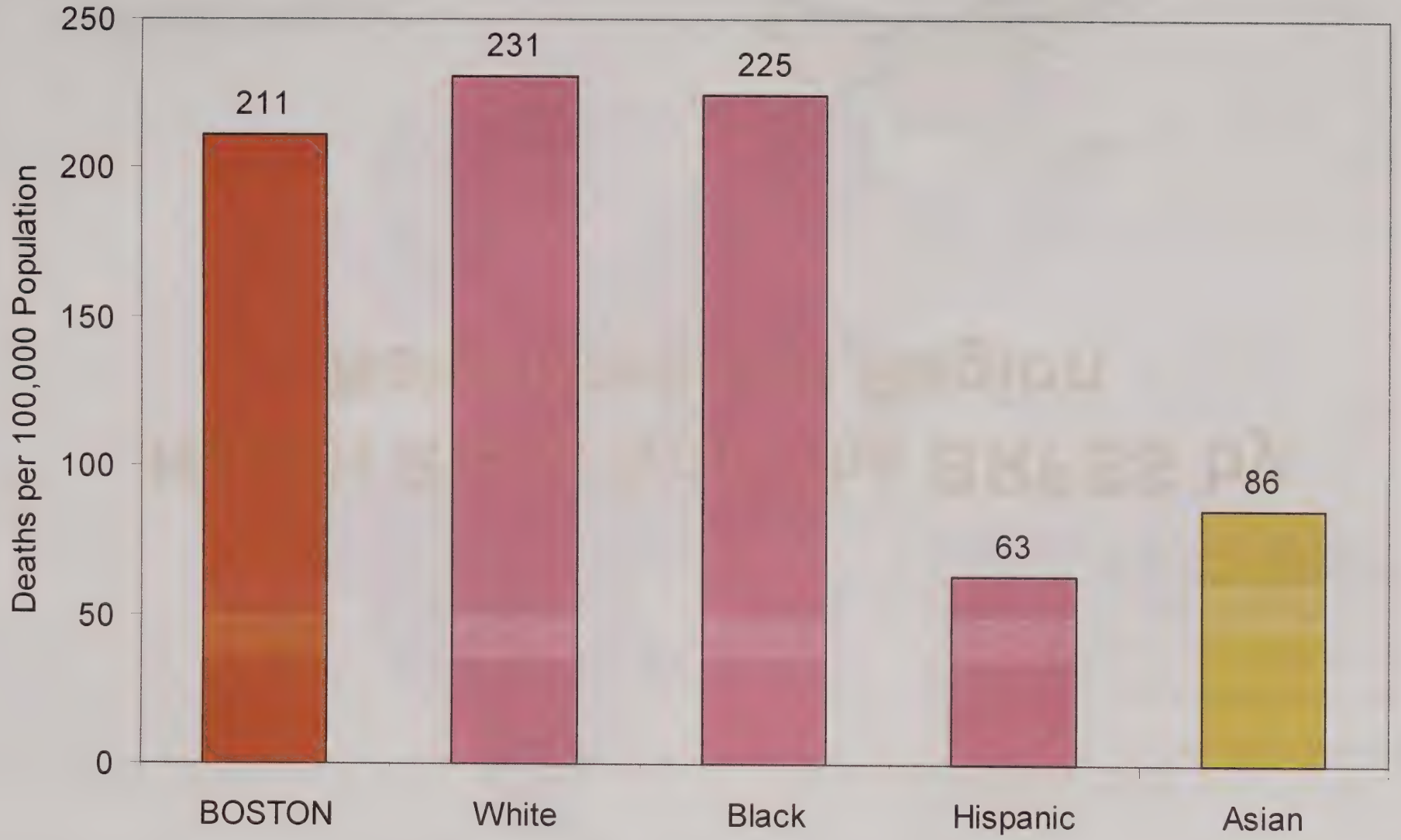
Heart Disease Age-Adjusted Rates by Neighborhood
Boston, 1999-2000

Average Annual Rates



*NOTE: South End do not include Chinatown data.
DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

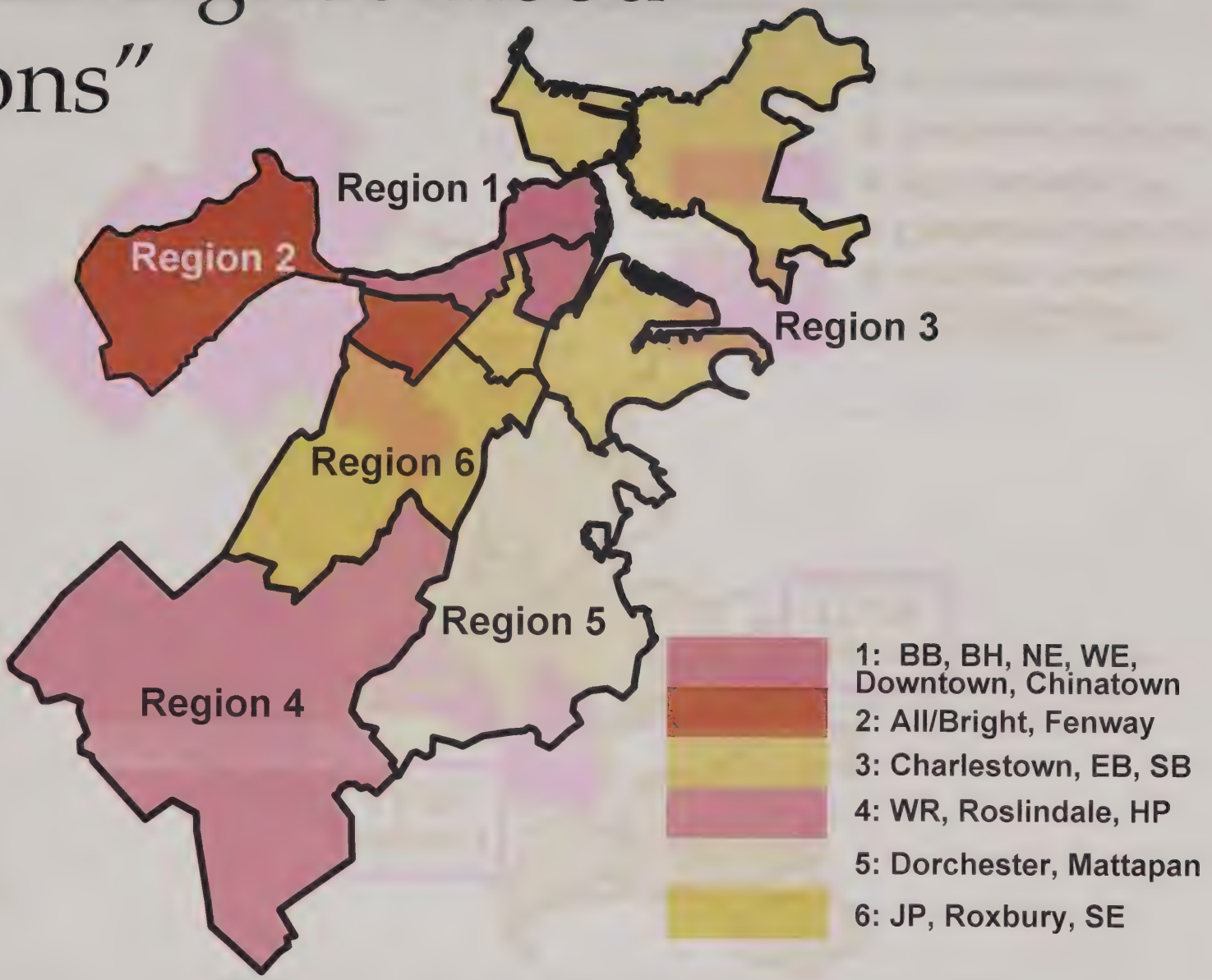
Heart Disease Mortality Age-Adjusted Rates by Race/Ethnicity
Boston, 2000



DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission, Research Office

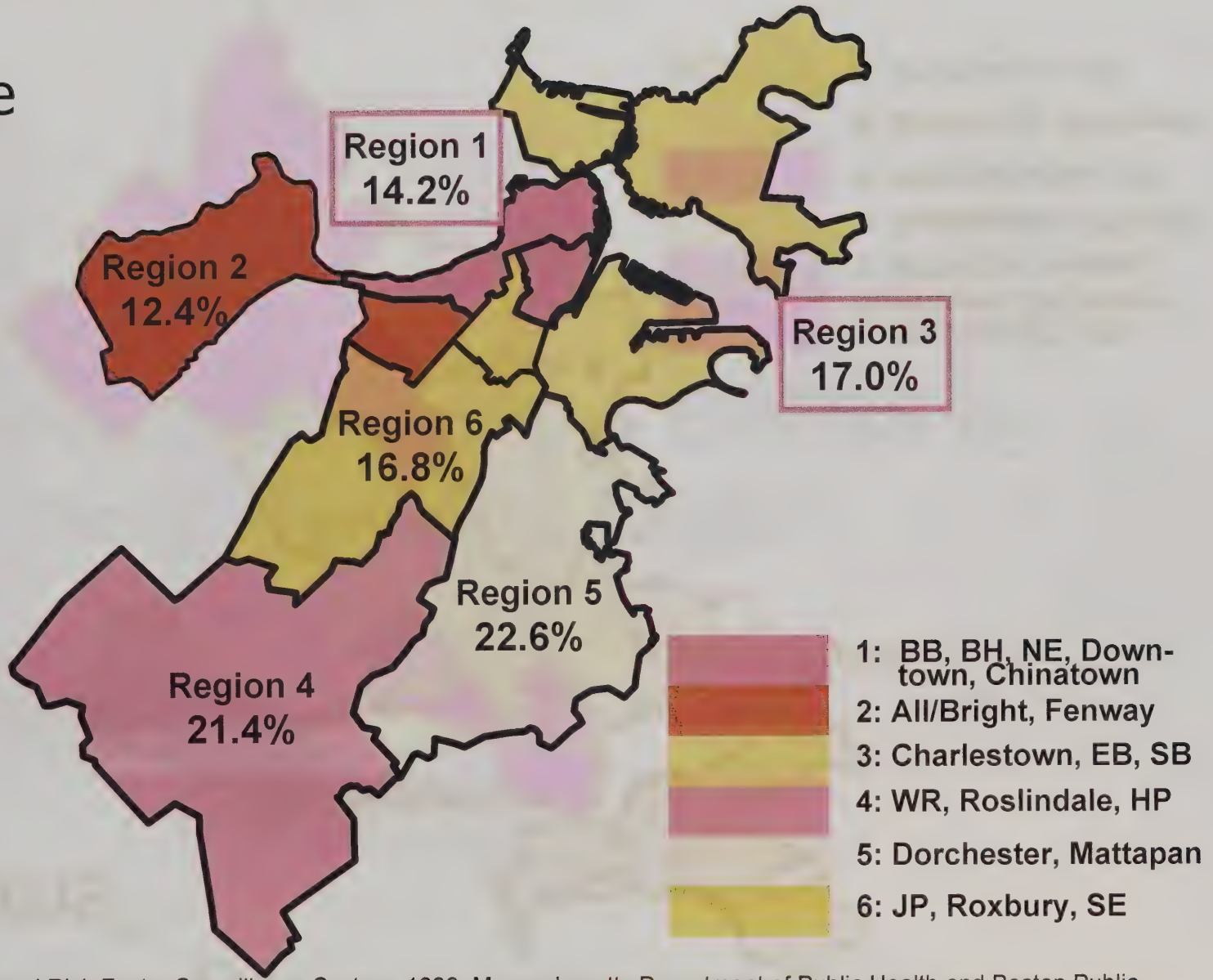
Health Risks from the BRFSS by Neighborhood Region

Boston Neighborhood "Regions"



MAP PREPARATION: Boston Public Health Commission, Research Office

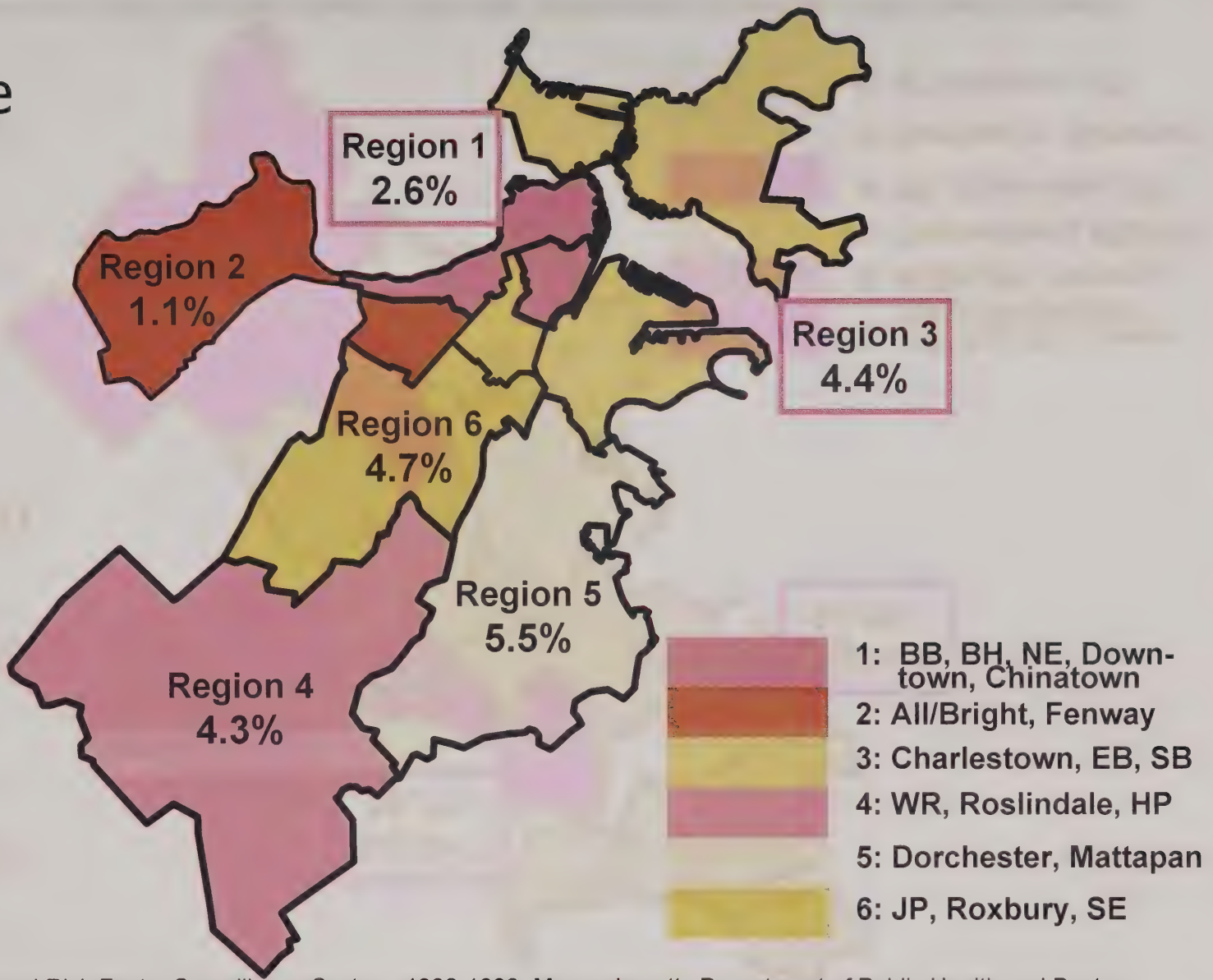
Percentage of Boston Adults Ever Diagnosed with High Blood Pressure



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1999, Massachusetts Department of Public Health and Boston Public Health Commission

MAP PREPARATION: Boston Public Health Commission, Research Office

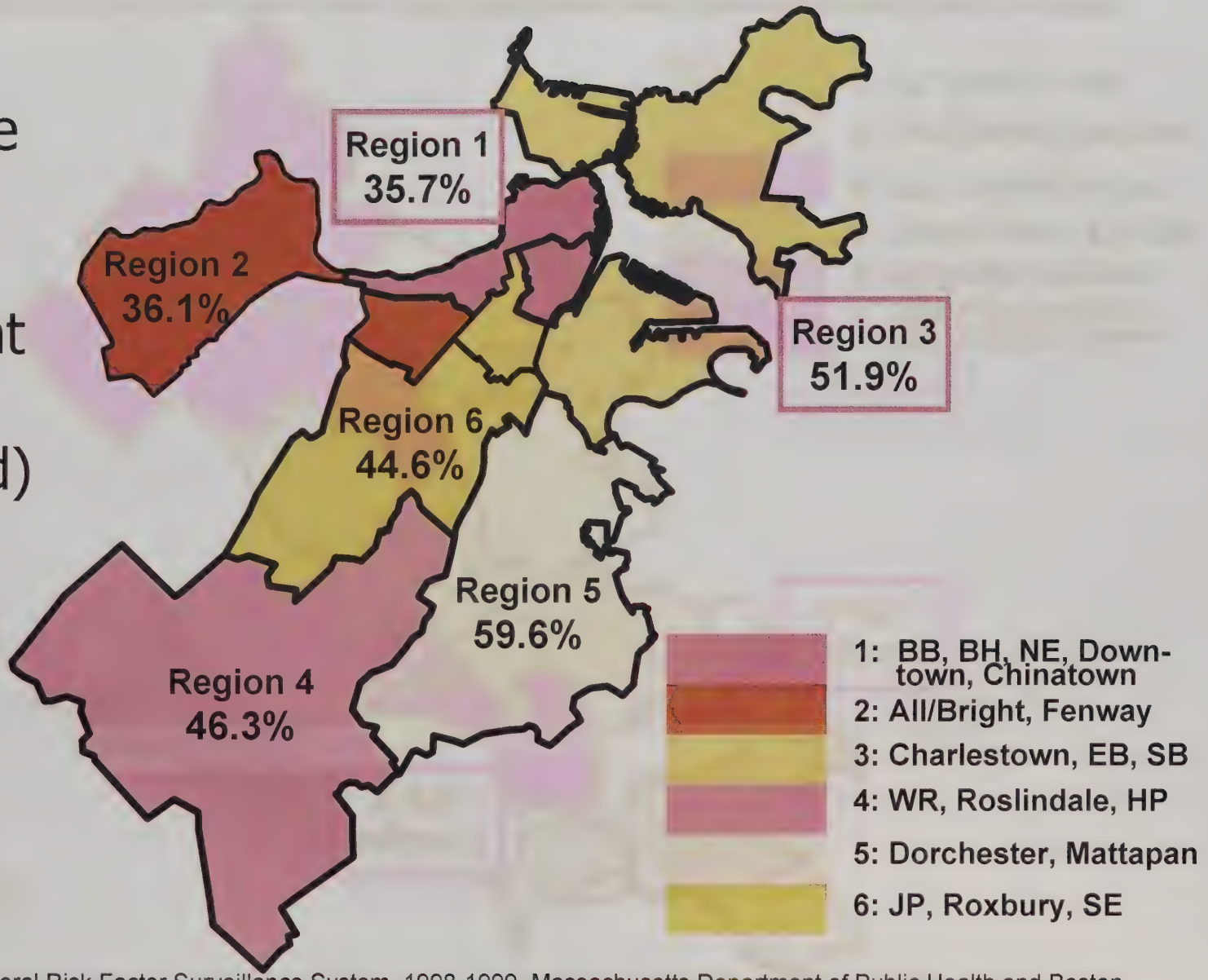
Percentage of Boston Adults Ever Diagnosed with Diabetes



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

MAP PREPARATION: Boston Public Health Commission, Research Office

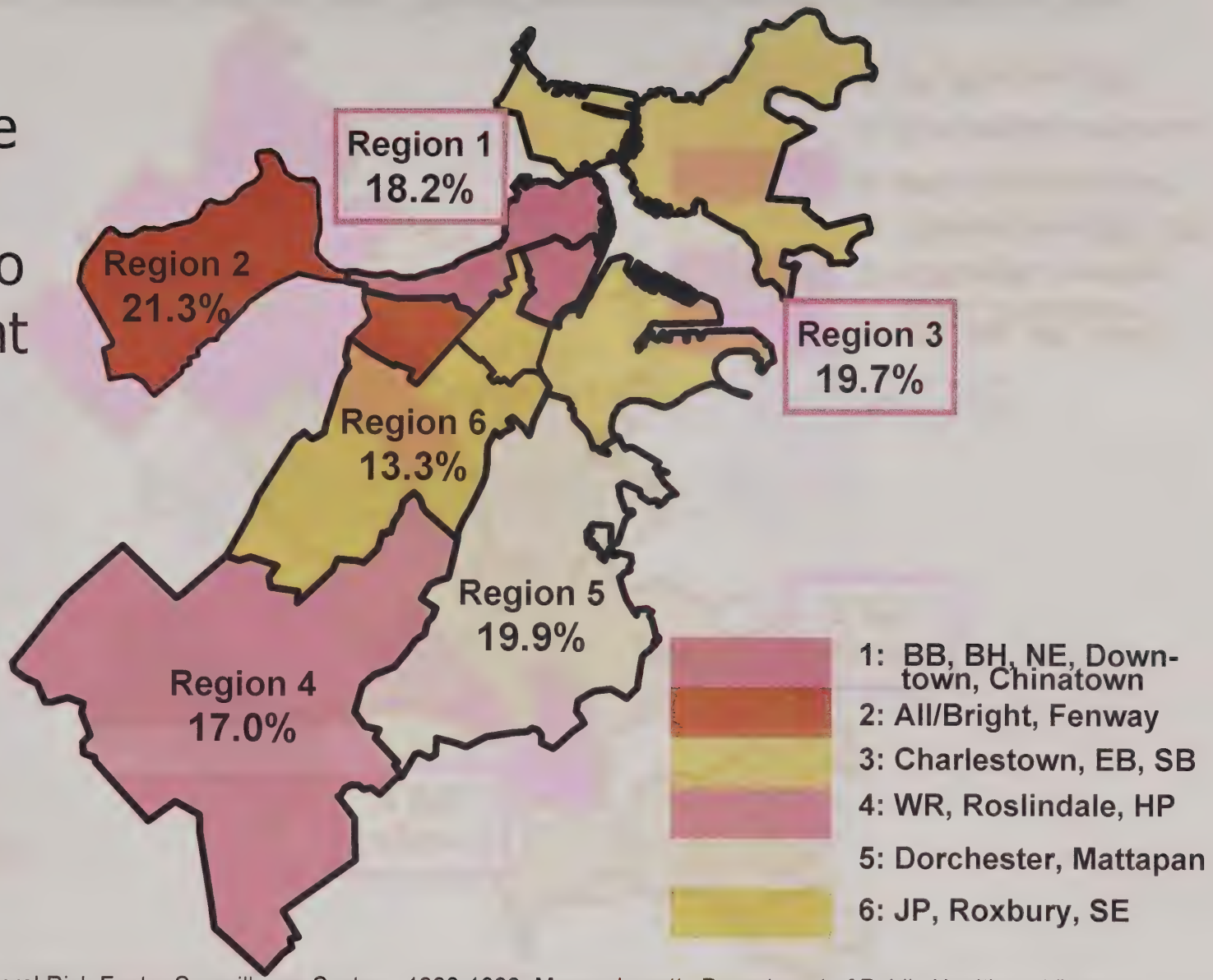
Percentage of Boston Adults Overweight or Obese (Combined)



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

MAP PREPARATION: Boston Public Health Commission, Research Office

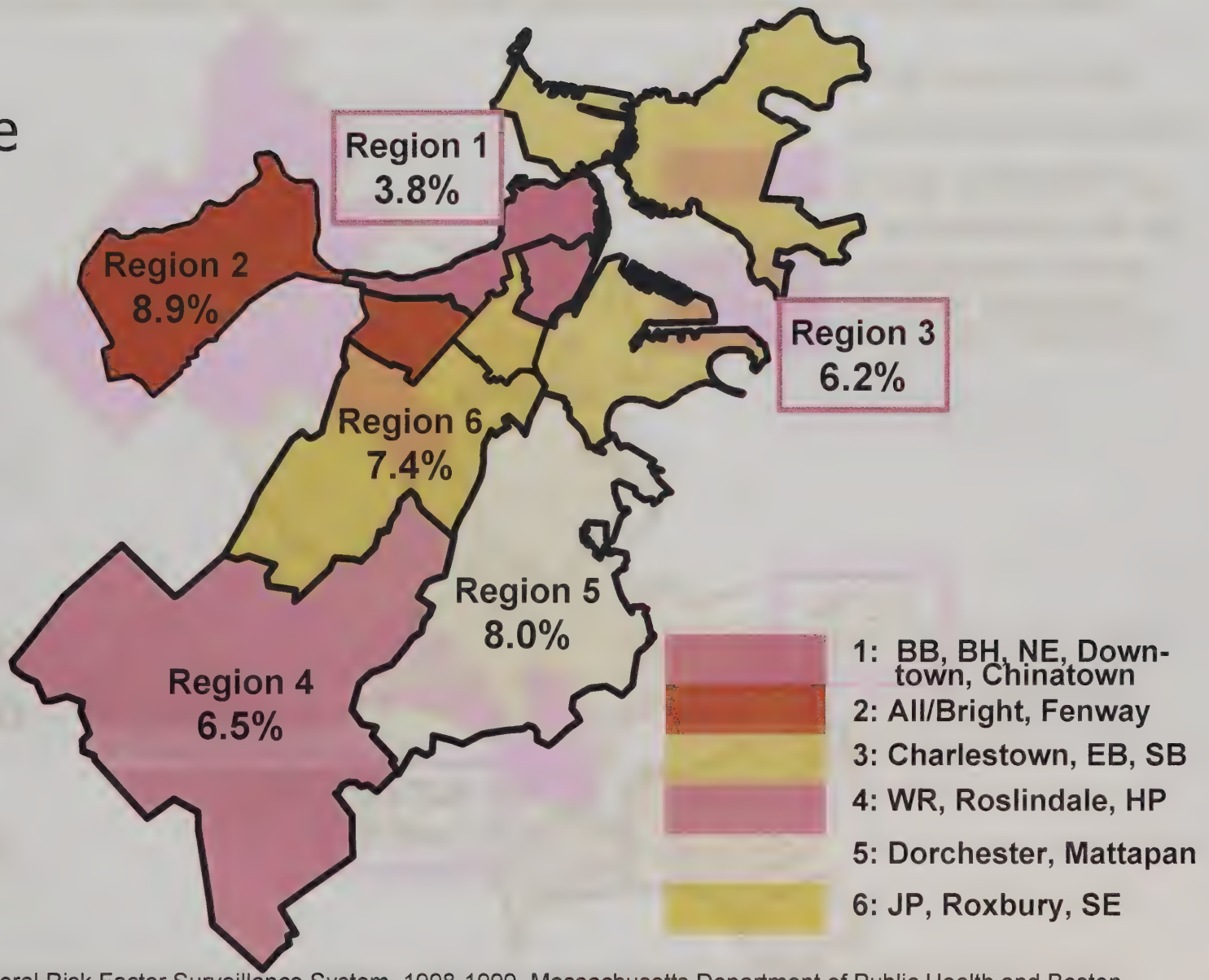
Percentage of Boston Adults Who Are Current Smokers



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

MAP PREPARATION: Boston Public Health Commission, Research Office

Percentage of Boston Adults Who Are Uninsured

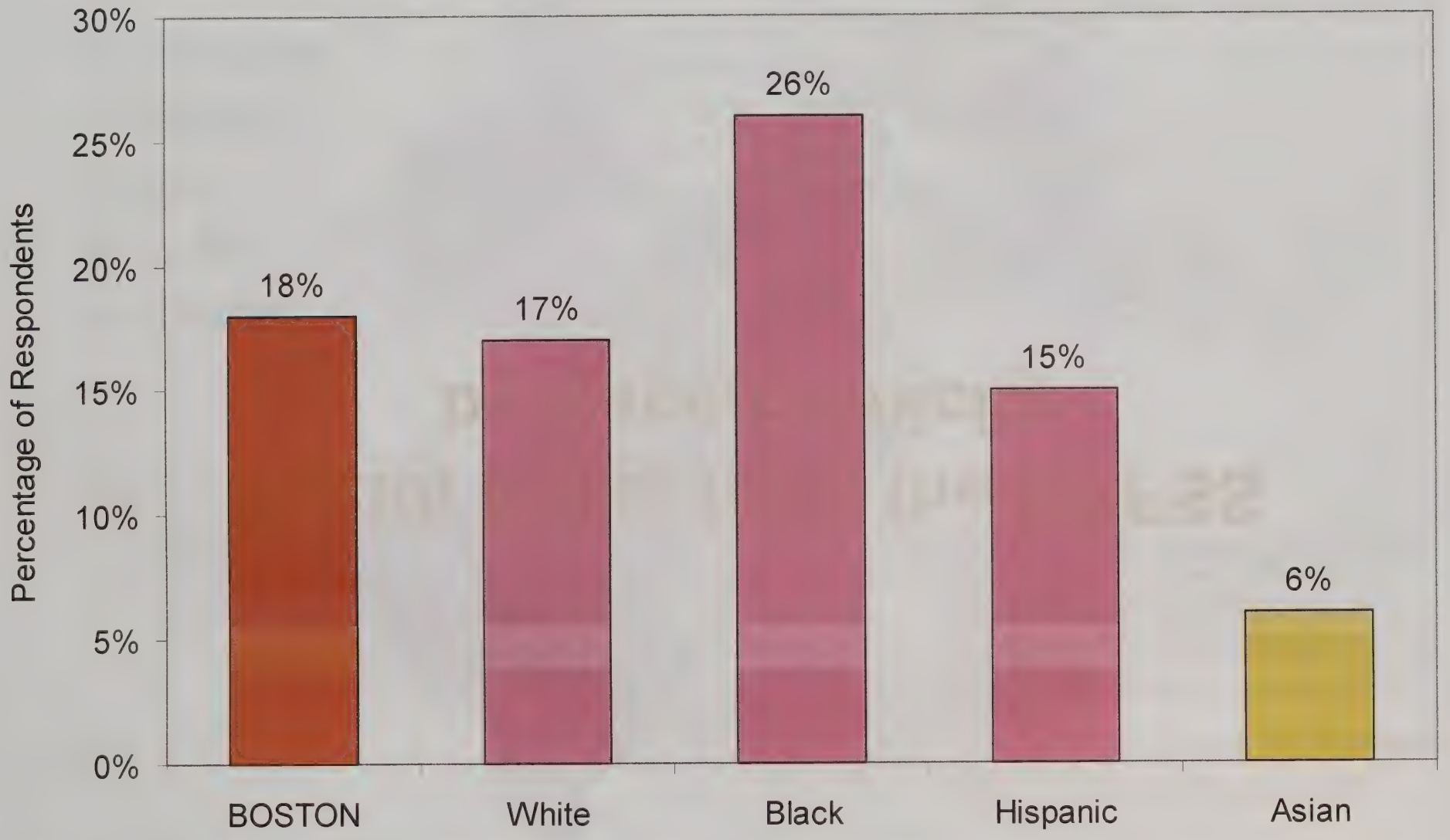


DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

MAP PREPARATION: Boston Public Health Commission, Research Office

Health Risks from the BRFSS by Race/Ethnicity

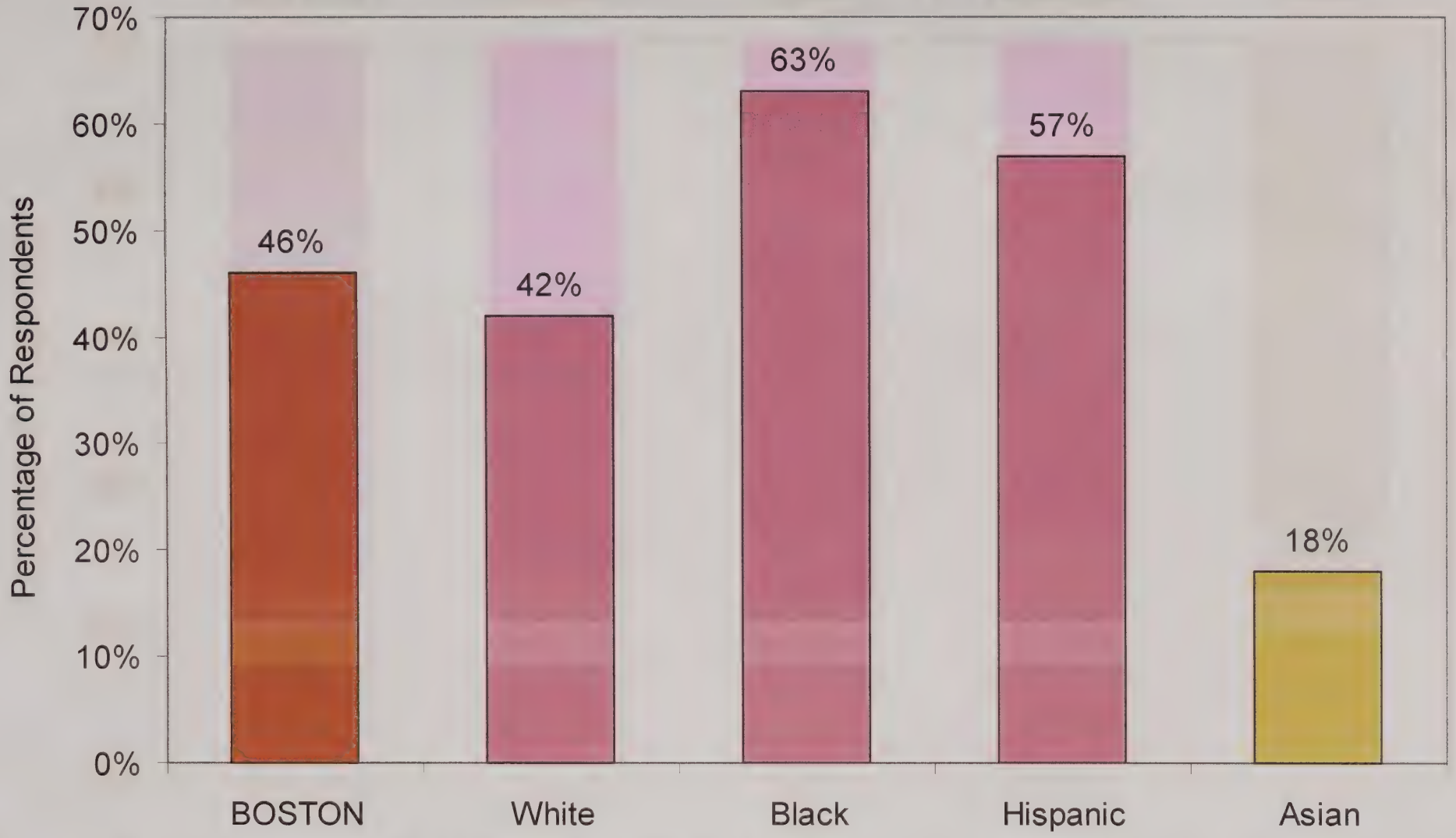
Percentage of Adults Ever Diagnosed with High Blood Pressure By Race/Ethnicity, Boston, 1997 and 1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

GRAPHIC: Boston Public Health Commission, Research Office

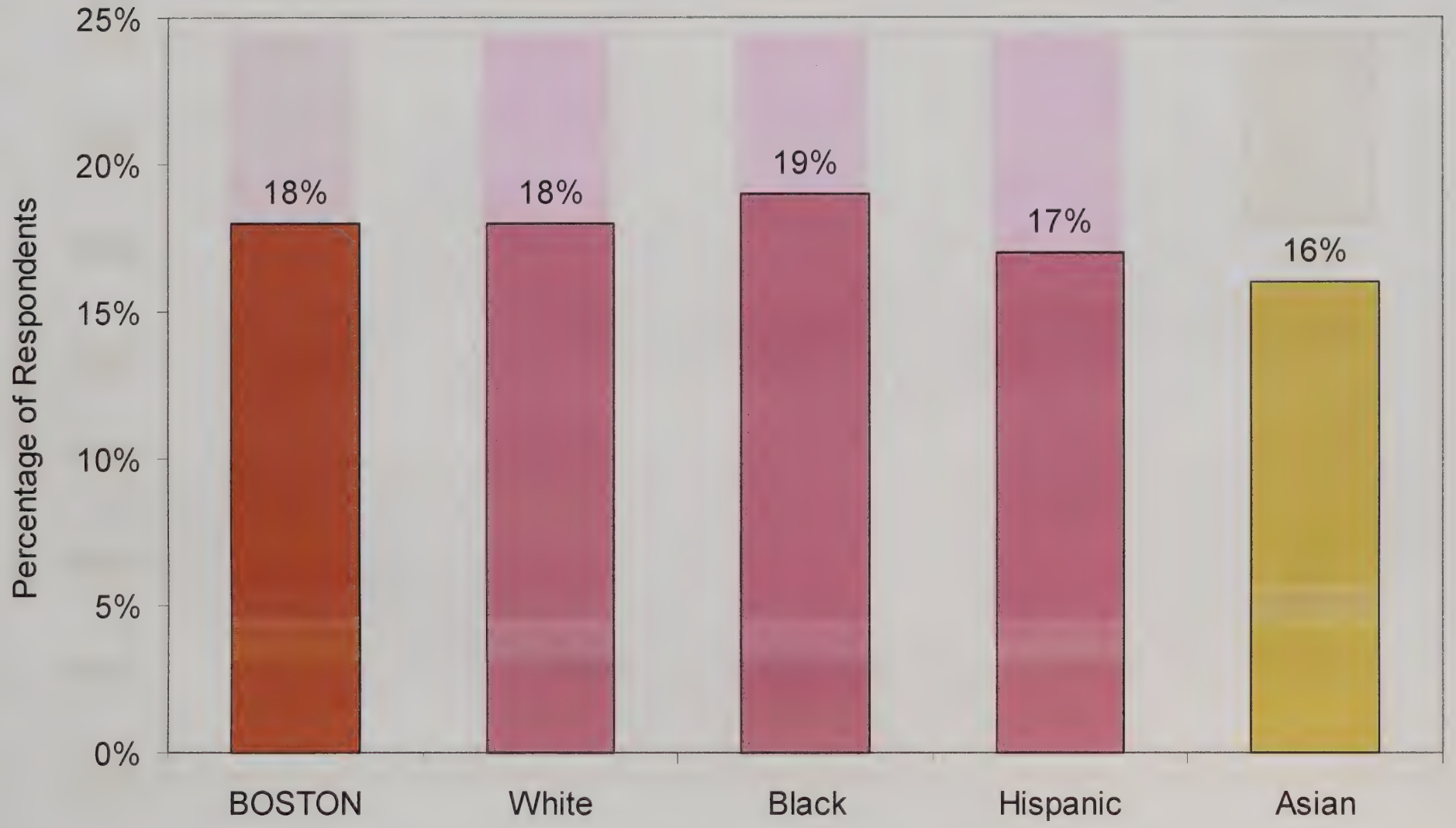
Percentage of Adults Obese or Overweight (Combined) By Race/Ethnicity, Boston, 1997-1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

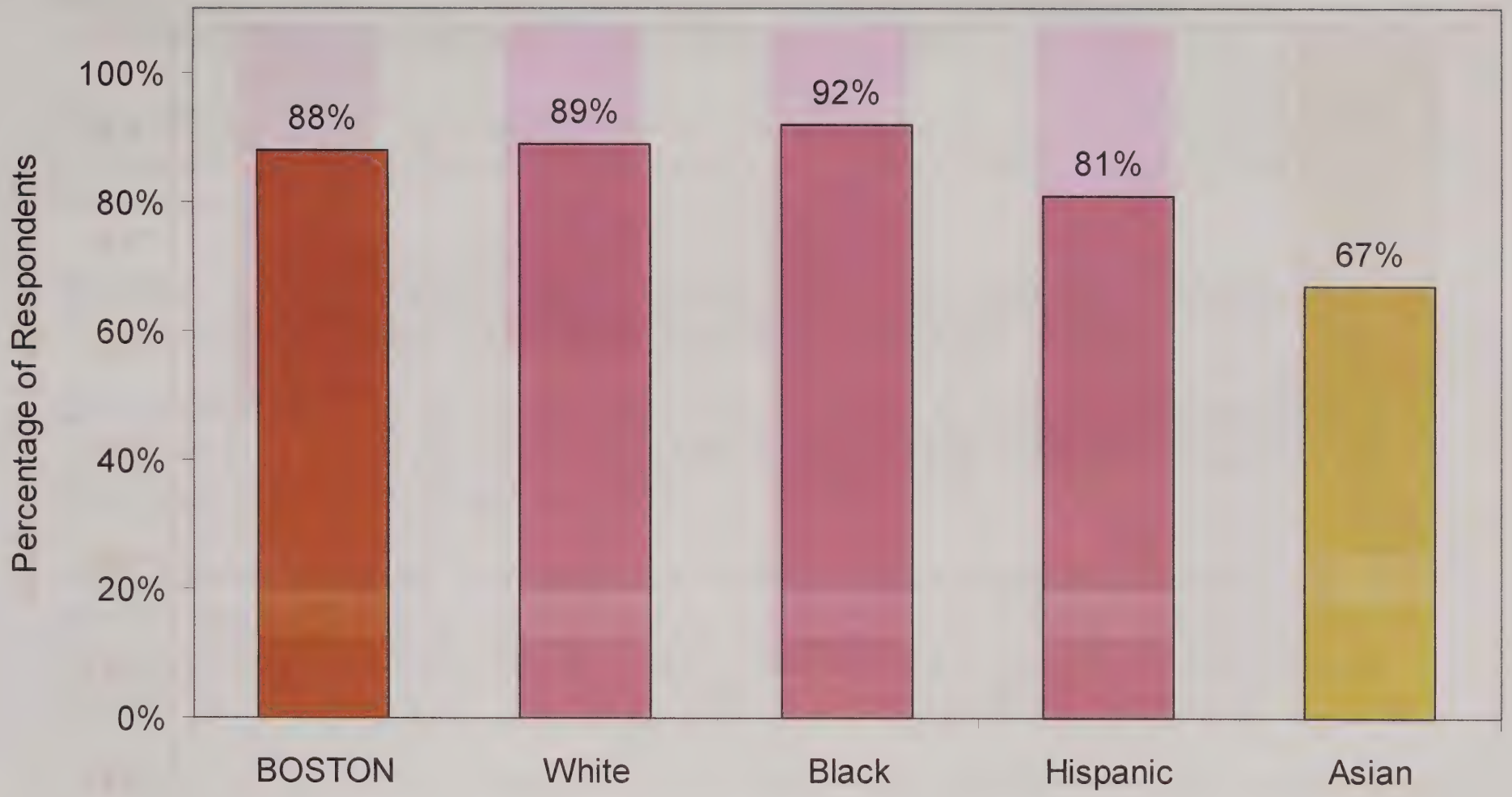
GRAPHIC: Boston Public Health Commission, Research Office

Percentage of Adults Who Are Current Smokers By Race/Ethnicity, Boston, 1997-1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1997-1999, Massachusetts Department of Public Health and Boston Public Health Commission
GRAPHIC: Boston Public Health Commission, Research Office

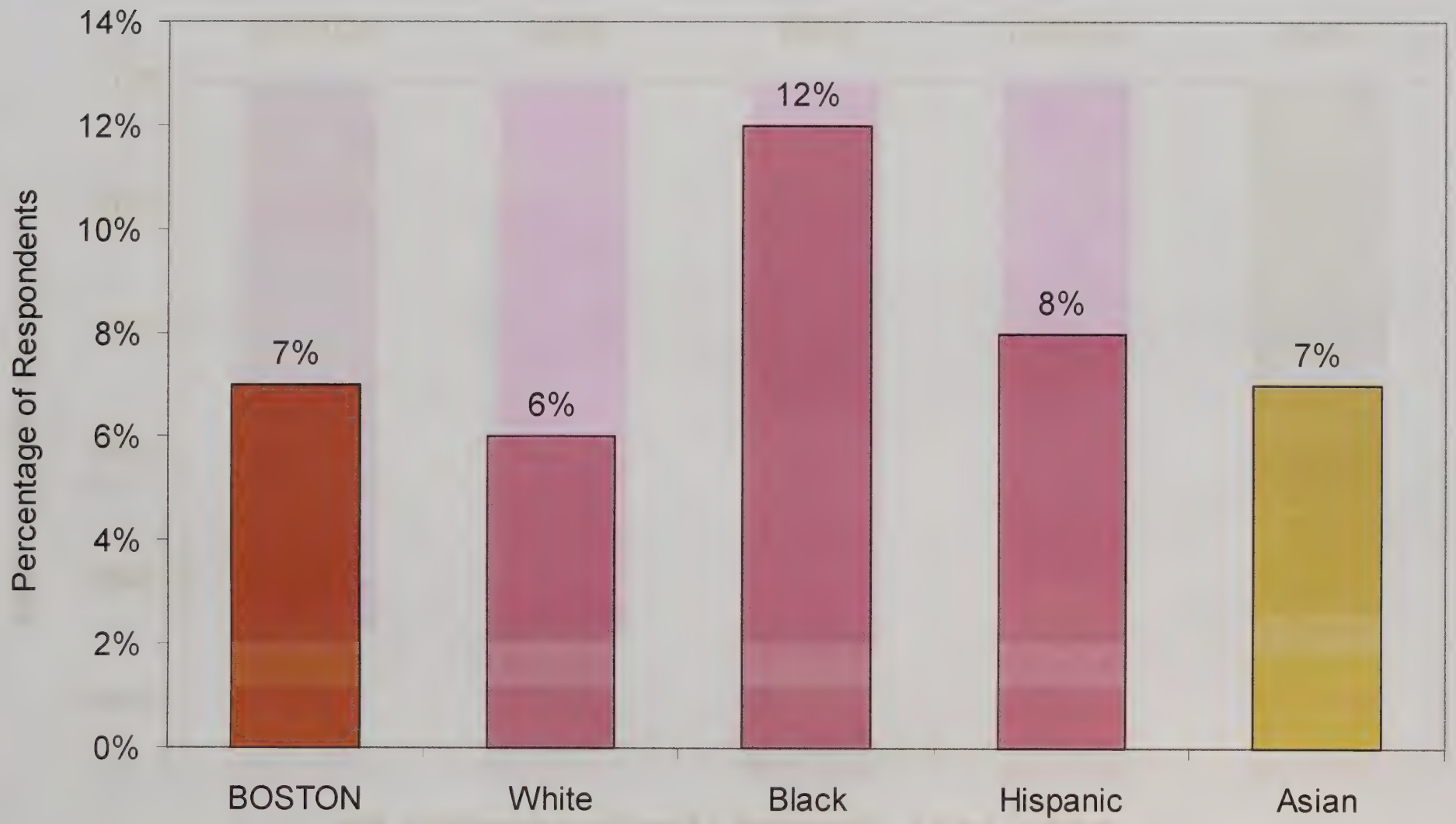
Percentage of Women Who had Cervical Cancer Screening In the Past Three Years By Race/Ethnicity, Boston, 1997-1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

GRAPHIC: Boston Public Health Commission, Research Office

Percentage of Adults With No Insurance By Race/Ethnicity, Boston, 1997-1999



DATA SOURCE: Behavioral Risk Factor Surveillance System, 1998-1999, Massachusetts Department of Public Health and Boston Public Health Commission

GRAPHIC: Boston Public Health Commission, Research Office

CHINATOWN: SUMMARY of MAJOR FINDINGS

Demographics: The Chinatown population increased 34% between 1990 and 2000. The percentage of Asians in Chinatown declined while the percentages of other races/ethnicities in Chinatown, especially Whites, increased.

Eighty-two percent of the Asian population in Boston is foreign born. Although the Asian population is ethnically diverse, Chinese and Vietnamese account for almost 70% of the Boston population.

Mortality: Between 1991 and 2000, mortality rates among Chinatown residents declined 7%, from 703 deaths per 100,000 population to 651 deaths per 100,000.

Cancer Mortality: For the period 1999-2000, the cancer mortality age-adjusted rate for Chinatown (131 deaths per100,000 population) was 41% below the Boston rate and the lowest rate of all Boston neighborhoods.

Heart Disease Mortality: For the period 1999-2000, the age-adjusted heart disease mortality rate for Chinatown (167 deaths per 100,000) was 24% lower than the Boston rate. In 2000, among races/ethnicities of Boston, Asians had the second lowest heart disease mortality rate (86 deaths per 100,000 population), after Hispanics (63 deaths per 100,000).

CHALLENGES

Tuberculosis (TB) Incidence Rate: In 2000, the TB incidence rate for Chinatown (41 new cases per 100,000 population) was three times higher than the rate for Boston (14 new cases per 100,000) and the second highest rate among Boston neighborhoods.

Adequate Prenatal Care: During 2000, the adequacy level of prenatal care for Chinatown (63%) was 18% lower than the Boston level and the second lowest level among all Boston neighborhoods. Among Asian women citywide, by maternal birthplace, the lowest level of adequate prenatal care occurred for those from Vietnam.

Low Birthweight (LBW) Births: In 2000, the Chinatown LBW rate of 12% was 33% higher than the Boston LBW rate (9%) and along with Roxbury was the highest rate among Boston neighborhoods.

Cervical Cancer Screening: During 1997-1999, among Boston adults, only 67% of Asian women reported having had a Pap smear in the past three years. This was the lowest among all races/ethnicities, and substantially less than for Boston overall (87%).

GENERAL HEALTH ISSUES OF ASIANS AND ASIAN IMMIGRANTS AND REFUGEES

Hepatitis B – Asians have a disproportionately high incidence of this infection, especially immigrants from Cambodia, Laos, Vietnam, and China.

TB – About two thirds of recent immigrants from Asia are from countries where TB prevalence is high.

Cancer (among the leading causes of death for Asians)

- **Stomach Cancer** – In the US, Koreans, Vietnamese, and Japanese are at a greater risk than other racial/ethnic groups.
- **Liver Cancer** – In the US, liver cancer incidence rates are considerably higher for Vietnamese, Koreans, Filipino, Japanese, and Chinese people, especially men.
- **Lung Cancer** – This is the most common cancer among Chinese, Korean, and Vietnamese men.
- **Breast Cancer** – This is the most common cancer among Chinese, Filipino, Japanese, and Korean women.
- **Cervical Cancer** – This is the most common cancer among Vietnamese women.
- **Cancer Screening** – Compared to other ethnic groups, Asian women have the lowest breast and cervical cancer screening rates.

Cigarette Smoking – This is a problem especially among Asian men from Southeast Asia, Korean men, Filipino men, and Japanese men.

Substance Abuse – This problem is increasing among Asian Americans.

Malnutrition and other Nutritional Deficiencies – This is a common problem among recent immigrants.

Parasitic Infections – This is a common problem among recent immigrants.

Inadequate Prenatal Care – Low levels of prenatal care adequacy is a problem among some Asian ethnicity groups, including Vietnamese, Cambodians, and Laotian women.

Mental Health Disorders – These have been identified as problems among immigrants and refugees.

Coronary Artery Disease – Coronary artery disease is prevalent among Southeast Asian men.

Other Health Issues - Pneumonia, Chronic Obstructive Pulmonary Disease, Hypertension

Access to Care Barriers – language (especially lack of culturally appropriate and professional medical interpreter services), **lack of familiarity with the US health care system, lack of cultural sensitivity by health care providers, fear of deportation, unemployment, long work hours at low-paying jobs/working multiple jobs, no health insurance coverage, and discrimination -- are all common problems faced by immigrants and refugee populations, including those from Asian countries.**

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